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ABSTRACT

An interlibrary loan survey was conducted to identify patterns and characteristics of monograph requests in a four county cooperative region. Almost two-thirds of the requests referred outside the region could have been filled within it. Most could have been supplied by more than one regional library. Monograph characteristics that were analyzed included publisher, imprint date, language, subject, and costs. Library characteristics that were analyzed included library originating requests, libraries able to supply monograph, library subject profile, and library publisher profile. The result of these analyses is the development of a search strategy model to improve utilization of regional resources. In addition, recommendations are offered concerning the need for a union catalog, interlibrary telephone service, and a numerical register of locations by Library of Congress card order number. Other alternatives to a union catalog are also included. (Author)

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ACCESS TO MONOGRAPHIC RESOURCES:
AN ANALYSIS OF A
COOPERATIVE INTERLIBRARY LOAN REGIONAL
NETWORK

A Report Prepared for the
Central New York Library
Resources Council

Daniel O. O'Connor
Spring 1974

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
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ABSTRACT

An interlibrary loan survey was conducted to identify patterns and characteristics of monograph requests in a four county cooperative region. Almost two-thirds of the requests referred outside the region could have been filled within it. Most could have been supplied by more than one regional library. Monograph characteristics that were analyzed included publisher, imprint date, language, subject, and costs. Library characteristics that were analyzed included library originating request, libraries able to supply monograph, library subject profile, and library publisher profile. The result of these analyses is the development of a search strategy model to improve utilization of regional resources. In addition, recommendations are offered concerning the need for a union catalog, interlibrary telephone service, and a numerical register of locations by Library of Congress card order number. Other alternatives to a union catalog are also included.

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Besides being a member of the Committee, Cheryl is also my wife and provided me with valuable advice on organizing this report. She also spent a tremendous amount of her time gathering information and helping me make sense out of it. I also appreciate the assistance of Mrs. Pat White who helped me with rearranging the data cards and Mrs. Muriel Miller who typed the final manuscript. Special thanks go to Mr. William McGrath for his explanation of a regional number register. Lastly, this report would not have been started or finished without the encouragement of Dr. Roger C. Greer, Syracuse University School of Library Science. I worked under Roger doing this report and he spent countless hours helping me with the overall design of the analysis, interpretation of results, and editing of a preliminary draft. In all ways, it is as much his report as it is mine.

SECTION 1

INTRODUCTION

This study is an analysis of interlibrary loan (ILL)¹ data of academic, public, and special libraries located in a four county, cooperative (3R) region in New York State. These data were collected during a survey conducted by the Interloan Committee of the Central New York Reference and Resources Council (referred to as CENTRO). The survey had two distinct phases:

- a. Thirteen regional libraries (listed in Appendix A) recorded bibliographic citations for all monograph and newspaper ILL transactions sent outside of the region during the period of October 15, 1971 to December 15, 1971. There were 1305 ILL transactions during these two months.
- b. From January to April 1972, twenty-five member libraries (see Appendix A) checked each of these 1305 citations against their holdings to identify those that might have been filled within the region. A preliminary analysis by the Committee and by the Executive Director of CENTRO showed that there was a total of 2,601 regional locations for 859 (or 65.8%) of the titles. Also, 446 (or 34.2%) of the ILL requests could not be filled by the libraries within the region. The number of titles that were in-print and their cost was also recorded. However, at this point the Committee decided that any additional analysis of the data was beyond the scope of normal committee work and a consultant was approached to analyze the collected data.

Purpose

The purposes of this report are two-fold:

1. To provide an analysis of interlibrary loan data, to identify patterns, characteristics, and trends that show some consistency;
2. To recommend modifications and alterations in ILL policy and procedures to enable an improvement in services to users of regional libraries.

The purposes of this report were in large part determined by the data which had already been collected. The analyses and the recommendations that came from them resulted from survey cards and checklists which are explained under methodology in this section. Fortunately, the data was rich in bibliographic information and allowed for many possible types of analyses.

Scope

It was originally hoped by the Committee that the data would yield some information on user behavior associated with interlibrary loan and interlibrary cooperation. For the most part, this was not possible since user information had not been collected and a decision had been reached not to collect new data from the CENTRO member libraries. In several instances, user behaviour could be inferred from the bibliographic artifacts that had been collected. Therefore, the scope of this study is basically limited to analyses of bibliographic citations, limited transaction information, and library holdings information.

Analyses of monograph and library characteristics of material handled in ILL transactions have been conducted. In addition, the data have yielded implications that have an impact on the following areas:

- (a) planning which involves access to regional union holdings;
- (b) coordinating a cooperative acquisitions program;
- (c) identifying strengths and weaknesses in library collections;
- (d) differentiating ILL public library system needs from academic library needs.

Objectives

One of the major objectives of this study is the development of a search strategy technique to determine which regional library could supply a particular monograph. It soon became apparent that the search strategy model could only slightly improve guessing although there has been no real test of the model. The determination of who has what within the region could best be made with the development of a CENTRO union catalog. By working with the Interloan Committee members and the Executive Director of CENTRO during the analyses of the data, it was decided that alternatives other than a union catalog should be explored as well. The alternatives are discussed in Section VII. One of the more viable and cost effective courses of action open to CENTRO is the development of a numerical register of regional holdings based on the LC card order number.

In addition to the search strategy model, the numerical register, related alternatives, and the analysis of ILL data, another major objective of the study is to provide realistic recommendations to improve ILL services and interlibrary cooperation. Recommendations are listed throughout the report and the major ones are summarized in Section X. An attempt has been made to keep them specific in the hope that they can be implemented to improve ILL services to users. The most important recommendation is the development of a regional ILL policy that contains the rights of users to the best possible level of ILL service. In this way, users living in any part of the four county CENTRO region can expect certain minimum standards of service in any CENTRO member library.

Methodology

Methods to analyze the data collected by CENTRO's Interloan Committee took several forms.² Initially, transaction data are provided by listing the number of requests received by the larger CENTRO libraries. Then, libraries able to supply these titles are listed. Cross tabulations are used to match two sets of data against each other and frequency percentages are employed to indicate the importance of each regional library in its ability to supply monographs that originally had been sent outside the region.

The Committee collected bibliographic citations leaving the region during a two-month period. Thirteen libraries accounted for 1305 citations. These citations were then typed onto a checklist which 25 member libraries checked against their holdings. This holdings information was then recorded on each of the original citation cards. Books in Print was used for in-print status and the National Union Catalog was used to determine subjects. All additional analyses were done by rearranging the cards into various sequences depending on the information sought. Computations were done with the aid of a calculator and a computer.

The analyses resulting in consistent patterns used the following monograph and library characteristics:

(1) Monograph characteristics

- (a) dates of publication
- (b) languages
- (c) subject profiles
- (d) publishers
- (e) cost analyses

(2) Library characteristics

- (a) libraries originating requests
- (b) libraries able to supply requests
- (c) library subject profiles
- (d) publishers profile by library

A caveat is in order. The data suggest many possibilities and these form the basis for the recommendations made throughout the report and summarized in the final chapter. However, these data do not justify construction of a predictive, empirical model. The original data collection represents a two-month period. There is no empirical method to determine if these data are fully representative of regional ILL data over longer periods of time; yet, there is some evidence to suggest that this sample is representative of the population.

The search strategy technique as well as the identification of regional patterns is based on a large sample involving many libraries. Generally, sufficient data were available to draw salient conclusions. Furthermore, an analysis of relevant literature provided a basis for comparison of the findings from the present study with other comparable studies.³

SECTION 11.

ILL Requests and Regional Resources:A Descriptive Statistical Analysis

In 1968, Syracuse University Research Corporation conducted a survey of CENTRO libraries' ILL transactions. Their findings⁴ indicate that 54% of all ILL transactions are filled within the CENTRO region. More importantly, 80% of public library ILL transactions are filled within the region while for academic libraries only 26% are so filled. The present study is limited to those requests originally sent outside of the CENTRO region. It might be expected that these represent 20% of the monograph requests of the public library systems.

Summary statistical data of ILL requests explain what is happening and it may be of some benefit for planning purposes, however, it should also explain why certain patterns are occurring in ILL. Table 1 is a summary of the number of requests sent outside the region during the survey period.

TABLE 1

Survey Requests:

(N = 1305 requests for 13 libraries)

<u>Library</u>	<u>No. of Requests</u>	<u>% of Total</u>
Mid-York Library System	580	44.4
Onondaga Library System	221	16.9
Syracuse University	166	12.7
Hamilton College	124	9.5
Upstate Medical Center	102	7.8
Colgate University	39	3.0
Utica College	27	2.1
Syracuse University Research Corp.	15	1.2
LeMoyne College	14	1.1
Herkimer	8	.6
Mohawk Valley	5	.3
Agway Corporation	2	.2
U.S. Veterans Admin. Hospital	2	.2
Totals	1305	100.0

Mid-York and Onondaga Library Systems accounted for 61.3% of the total requests. The academic libraries accounted for 27.6% of the requests while the special libraries submitted 11.1% of the requests. In all, 1305 requests were included in the sample.

The summary comparison of these requests with regional resources indicate that the public library systems could have had an average of 78.9% of their requests filled within the region. Table 2 identifies the number of requests that could be filled as well as those that could not (nils).⁵

TABLE 2

SURVEY REQUESTS AND REGIONAL RESOURCES: SUMMARY DATA

<u>Library</u>	<u>No. of requests</u>	<u>No. that can be supplied in region</u>	<u>%supplied*</u>	<u>No. that cannot be supplied in region</u>	<u>%NILS*</u>
Mid-York Libr. System	580	445	76.7	135	23.3
Onondaga Libr. System.	221	179	81.0	42	19.0
Syracuse University	166	47	28.3	119	71.7
Hamilton College	124	68	54.8	56	45.2
Upstate Medical Center	102	60	58.8	42	41.2
Colgate University	39	20	51.3	19	48.7
Utica College	27	19	70.4	8	29.6
Syracuse Univ. Research Corp.	15	3	20.0	12	80.0
LeMoyne College	14	7	50.0	7	50.0
Herkimer	8	3	37.5	5	62.5
Mohawk Valley	5	4	80.0	1	20.0
Agway Corporation	2	2	100.0	0	0.0
U.S. Veterans Admin. Hospital	2	2	100.0	0	0.0
Totals	1305	859		446	

* These two columns represent the total percentages of requests for each library and the row percentage totals equals 100%.

Although the public library systems have a low percentage of nils, several reasons may account for this: this could be 20% of their total requests; the item may not have been available for ILL within the region; and, there may be only one library in the region that has the item in its holdings. Each of these possibilities is covered later in more depth.

As listed in Table 2, Syracuse University with a high number of requests had only 28.3% of its total that could have been supplied within the region. However, Utica College, Mohawk Valley, Colgate, Hamilton and LeMoyne College all had a substantially higher number of requests that could have been filled within the area but were not. Small sample sizes for some of these libraries may account for this.

The 446 nil requests represent 34.2% of the total number of requests. There were 859 requests (65.8%) that were available within the region. Furthermore, there were a total of 2,601 locations for these 859 titles for a net fill rate of 302.8%; for all of the requests, the regional fill rate - including duplicate locations for the same item - is 199.2%.

Table 3 is a listing of 25 libraries' ability to supply the ILL survey items.

TABLE 3
ABILITY TO SUPPLY: 25 Libraries

SUMMARY DATA			
Library	Titles that can be supplied from N = 1305	% Supply:*	% Supply: regional
		Total N = 1305 Σrf>100%	n = 860 Σrf>100%
Syracuse University	466	35.7	54.2
Colgate University	278	21.3	32.4
Mid-York Library System	252	19.3	27.3
Hamilton College	215	16.5	25.0
Onondaga Library System	194	14.9	22.6
LeMoyne College	167	12.8	19.4
Utica Public Library	165	12.6	19.2
Utica College	157	12.0	18.3
Mohawk Valley	119	9.1	13.9
SUNY-Morrisville	112	8.6	13.0
Upstate Medical Center	89	6.8	10.4
Cazenovia College	80	6.1	9.3
Herkimer	52	4.4	6.8
SUNY-Upper Division	53	4.0	6.2
Marie Regina College	48	3.7	5.6
US Veterans Admin. Hosp.	35	2.7	4.1
SUNY-College of Forestry	25	1.9	2.9
St. Joseph's Hosp.	23	1.8	2.7
Crouse-Irving Memorial Hosp.	23	1.8	2.7
American Foundation for Management Research	15	1.1	1.7
Rome Air Development Ctr	9	.6	1.0
Carrier Corporation	6	.5	.7
ERIC Clearinghouse	5	.4	.6
Agway Corporation	5	.4	.6
ECCO	2	.2	.2
Totals	2601		

* Because there are duplicate suppliers, the total percent is based on 1305; thus, this column represents the overall fill rate of 199.2% for the region.

The percentages of overall fill rate indicate that Syracuse University is the best supplier in the region with a 35.7% capability. The next best supplier is Mid-York combined with Utica Public Library.⁶ Although a separate calculation was not made, there were a number of items that

were not duplicates between the two. (It would be inappropriate to add the two together since duplication does exist.) Colgate, Hamilton, Onondaga Library System, LeMoyne and Utica College are the next best suppliers. Again, it would be inappropriate to add libraries' ability to supply to determine which combination of libraries would be the best suppliers. A separate analysis of sole source and multiple source suppliers is included later in this section.

Syracuse University's ability to supply merits further consideration. If the other 24 libraries were grouped together, they still could not out-supply Syracuse University. The 466 items which Syracuse University can supply represent 54.2% of the total number of items (859) that can be supplied within the region. Thus, taken together, the remaining libraries can supply 45.8% of items available within the region. Also, the Syracuse University checklist noted those titles that were missing from its shelves⁷ which amounted to 119 items. (This is in addition to the 466 it could supply). Thus, if those items were available, this would be a total supply rate of 585 items or 68.1% of the items available within the region.⁸ If the percentage of missing items is reduced substantially (although it is unknown what this rate is for the other libraries) Syracuse University would be the logical center upon which any union catalog plans should be based. Later in this report there is additional evidence to support this statement.

After a detailed inspection of the data, three categories were used in analysis to differentiate the types of sources available for each request:

- (a) sole source - only one regional library could supply a particular ILL request;
- (b) multiple source - more than one regional library could fill the request;

(c) nil - no regional library could fill the request.

The first two of these were examined to determine the extent to which libraries were relying upon each other in serving ILL users; the nils were examined to identify possible weaknesses in regional resources. For these three possible source patterns the data were categorized to give an overall picture of libraries requesting and supplying ILL material. Each of the source patterns listed above will now be treated in more detail.

A. SOLE SOURCE.

When there was only one library which could supply an item, this library was termed "sole source" for that item. Sole source is important because it established patterns that substantially deviated from multiple source patterns. The publishers were smaller, the authors were less well known, and the subject headings for this material were less duplicated than in the multiple source items.⁹ However, there was little difference in the date of publication between the two types of sources. In all, sole source identification distinguishes the only library in the region holding a particular type of monograph.

Table 4 is a list of 20 libraries that qualified as sole source for certain ILL items.

TABLE 4
SOLE SOURCE LIBRARIES

(N = 275)

<u>Library</u>	<u>No. of items able to supply as sole source</u>	<u>% supply- sole source.</u>
Syracuse University	95	34.5
Mid-York Library System	37	13.4
Colgate University	28	10.2
Hamilton College	23	8.4
Onondaga Library System	23	8.4
Upstate Medical Center	11	4.0
LeMoyne College	9	3.3
Utica Public Library	8	2.9
SUNY - Upper Division	6	2.2
Utica College	5	1.8
Mohawk Valley	5	1.8
Maria Regina College	5	1.8
U.S. Veterans Administration Hosp.	5	1.8
SUNY-College of Forestry	4	1.4
Cazenovia College	3	1.1
SUNY-Morrisville	3	1.1
ERIC Clearinghouse	2	.7
Herkimer Comm. College	1	.4
Crouse-Irving Memorial Hosp.	1	.4
St. Joseph's Hospital	1	.4
TOTALS	<u>275</u>	<u>100.0</u>

Note that Mid-York should rely heavily upon Syracuse University for sole source material. Also, Hamilton, Onondaga Library System, Upstate Medical Center and Colgate could have increased their respective regional fill rates if they had relied upon Syracuse University. In terms of requests, Syracuse University can rely somewhat on Colgate and Hamilton for sole source material; however, the relationship here is quite weak.¹⁰

One of the more surprising findings was Mid-York's ability to supply itself with ILL items. As shown in Table 5, Mid-York originated 37 requests; then, on the checklists, Mid-York indicated it could fill 33 of these requests. This happened to several libraries¹¹ and several things could have occurred: the library may have purchased the material after the original ILL requests were made or the material may have been missing, circulating, on reserve or in reference. Thus, although in some cases the item may appear in a library's holdings, a copy was requested on ILL.

The totals on the bottom row of Table 5 indicate the reliance each of the requesting libraries should place on other libraries in the region. The totals in the right hand column indicate the relative strength of libraries that are able to supply unique material in the region. Note that Mid-York made 152 requests, or 55.3% of the total; the net total (119)¹² accounts for 20.5% of Mid-York's total number of requests (580). By comparing the reliance measure to the number of requests (from Table 1), an overall reliance for seven libraries¹³ shows that 19.7% of the requests in the region can only be filled by one library. The salient point here is that almost 20% of all requests can be filled by only one regional library; further, this library will be from one of the following seven libraries:

Syracuse University, Mid-York Library System, Colgate, Hamilton, Onondaga Library System, Upstate Medical Center, or LeMoyne College. The identification of such libraries cannot be accurately predicted for a particular request; however, random selection of a library might be reduced using the search strategy model which is explained later. There were 275 items, or 32.0% of the 859 items available in the region, that could be supplied by only one library. Again, Syracuse University, with 34.5% of the total far surpassed any other library as the only resource for a particular item. Mid-York and Utica Public Library accounted as sole source for 45 items or 16.3% of the total. Of course, these percentages are based on the total sole source items (275) and not on the number of items available within the region (859) or the total number of requests (1305).

It is even more interesting to identify which library submitted the original request and which library was the only one that could supply it. Table 5 lists the sole source libraries (left column) and the number of requests they could fill for other libraries (top row).

TABLE 5

SOLE SOURCE LIBRARIES AND REQUESTING LIBRARIES

(N = 275)

Requesting Libraries

SOLE SOURCE LIBRARIES	M-Y	OLS	SU	Ham	UNC	Col	Ut. Col	SURC	Lem	Hexk	Moh. Val.	Agr	USVAH	Strength TOTALS
Syracuse University	38	12	4	14	10	7	4		1		2		1	95
Mid-York Library System	33	2			2									37
Colgate University	16	2	5	3	2									26
Hamilton College	13		6			1	2		1					23
Oondara Library System	18	2		2					1					23
Upstate Medical Center	2	2			6							1		11
LeMoyne College	6	1	1	1										9
Utica Public Library	4	2	1	1										8
SUNY-Upper Division	4	1		2									1	6
Utica College	2	1		1										5
Homeville Valley	2	1						1						5
Marie Regina College	2	2							1					5
US Veterans Admin. Hosp.	3				2									5
SUNY-College of Forestry	1	2					1							4
Cazenovia College	3													3
SUNY-Morrisville	3													3
ERIC Clearinghouse		2												2
Herkimer								1						1
Crouse-Living Memorial Hosp.	1													1
St. Joseph's Hosp.	1													1
Reliance TOTALS	152	32	17	24	22	8	7	2	4	2	2	1	2	275

B. MULTIPLE SOURCE

It is important to identify the number of regional libraries that could fill certain ILL requests. This gives an indication of the strength of area resources as well as a measure of the duplication that exists among regional library holdings. Multiple sources are the number of libraries that could fill one request. By definition, it must be at least two libraries. For example, one request that went outside of the region could have been filled by sixteen libraries within the region.

Table 6 is a listing of the frequency of multiple sources available to each requesting library.

TABLE 6.
FREQUENCY OF MULTIPLE SOURCES
TO SUPPLY ILL REQUESTS
(N = 584)

<u>REQUESTING LIBRARIES</u>	<u>No of requests that can be supplied by more than 1 library</u>	<u>% of multiple source total (N = 584)</u>	<u>% of total requests for each library (See Col. 1, Table 1) N > 100%</u>
Mid-York Library System	293*	50.1	50.5
Onondaga Library System	147	25.2	66.5
Hamilton College	44	7.5	39.5
Upstate Medical Center	38	6.5	37.3
Syracuse University	30	5.1	16.1
Colgate University	12	2.1	30.8
Utica College	12	2.1	44.4
LeMoyne College	3	.5	21.4
SUNY-Morrisville	2	.3	40.0
Agway Corporation	1	.2	50.0
Herkimer	1	.2	12.5
Syracuse Univ. Research	1	.2	6.6
US Veterans Admin. Hosp.	<u>0</u>	<u>0</u>	0
TOTALS	584	100.0	

* Due to separate requests for two different editions of the same title, later figures for Mid-York are listed as 294.

Mid-York originated slightly over 50% of all requests that could have been filled by more than one regional library; moreover, Onondaga Library System was responsible for 25% of these. This means that Mid-York could have had over one-half of its total requests filled by two or more regional libraries as indicated in the third column of Table 6. Onondaga Library System would have been able to have over two-thirds of its requests filled by more than one regional library. However, Syracuse University (with 18.1%) would have a difficult time finding regional libraries that would have the items needed to fill ILL requests. Clearly, the two public library systems were not utilizing the resources available in the CENTRO region. It must be pointed out that at the time this survey was taken, the CENTRO Bibliographic Center did not exist.

Multiple sources are most identifiable by the subjects and publishers of the material. Duplication in regional library holdings exist (for ILL requests) at a rate of 67.9%; that is, of the items held within the region, 67.9% of them will be found in more than one library.¹⁴ This rather startling figure does not mean that the entire holdings of regional libraries are duplicated to this high degree; however, it does mean that 65.8% of ILL requests (the amount that can be supplied regionally) can be filled within the region at more than one library 67.9% of the time. This, in turn, suggests that 44.7% of the requests now being sent outside the region could be filled by more than one library within it.¹⁵ The implications based on this data are obvious and one or more of the following alternative courses of action should help to alleviate this situation:¹⁶

- (1) Establishment of a regional union catalog;
- (2) Use of network techniques (based on the search strategy model) by ILL librarians to achieve maximum utilization of area resources;

- (3) Use of the CENTRO Bibliographic Center as a network switching device to channel ILL requests to regional suppliers;
- (4) Creation of a numerical register based on LC card order numbers;¹⁷
or,
- (5) Provision of a regional interlibrary telephone service by CENTRO so ILL librarians may determine which libraries can supply a particular item.

In addition to the above, any acquisitions planning should take into account the possible degree of duplication in collection development within the region. Ideally, a cooperative system to minimize unnecessary duplication should be developed while at the same time insuring that weak areas be given adequate attention for collection building. The exchange of selection policies by all member libraries would be a beginning in this area.

The degree of multiple sources by requestor has also been determined. Table 7 is a summary of the frequencies of multiple sources.

TABLE 7

FREQUENCIES OF MULTIPLE SOURCES

(n = 584)

NUMBER OF REGIONAL SOURCES ABLE TO FILL EACH REQUEST

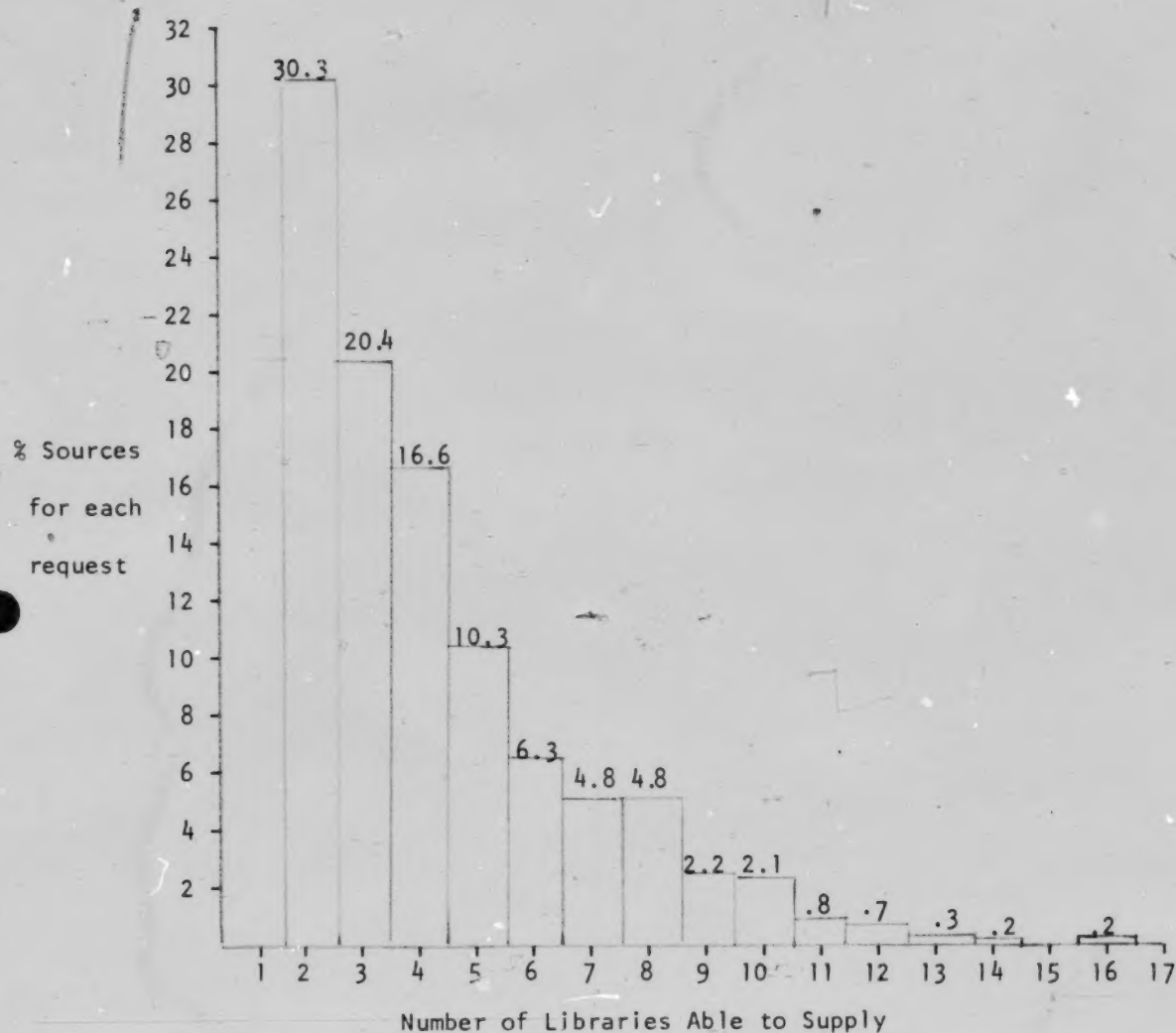
Requesting Library	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Mad-York Lib. System	91	65	50	27	22	15	11	6	5		1		1			294
Georgetown Lib. System	35	26	29	15	9	5	10	7	6	1	1	2				147
Syracuse University	12	7	5	3	1		2									30
Hamilton College	13	8	4	9	2	2	2			2	2					44
Colgate University *	7	2		1	1											11
Upstate Medical Ctr	6	6	8	5	2	5	2		1	2					1	38
Ulster College	6	5					1									12
Marionne College	2					1										3
SUNY-Morrisville *	1		1													2
Acuity Corporation	1															1
Berkshire	1															1
Syracuse University Association, CORD.	1															1
Totals by number of locations	177	119	97	60	37	28	28	13	12	5	4	2	1	0	1	584

* Colgate's supply rate is changed here from 12 to 11 because it was impossible to identify the number of libraries that could supply one request due to a citation problem.

Note in Table 7 that there were 177 requests that could have been filled by two regional libraries. Yet, the requesting library went outside of the CENTRO region -- unaware that a CENTRO member library could supply these titles. Even more serious are the 407 requests sent outside of the region that could have been filled by three or more regional libraries. In fact, one library went out of the region for a title that was held by sixteen regional libraries.¹⁸ Again, this points to the need for a regional union catalog, a bibliographic center, or some similar system to insure that this trend does not continue. To determine if it is continuing, it is suggested that a sample of ILL requests sent outside of the region be drawn from the CENTRO Bibliographic Center and checked against the holdings of Mid-York, Onondaga Library System, Hamilton College, Upstate Medical Center, and Syracuse University. These results should be compared to the ones reported here to see if this trend has been significantly changed by the CENTRO Bibliographic Center.

Figure 1 is a histogram of the relative frequencies of these multiple sources.

FIGURE 1
RELATIVE FREQUENCY OF MULTIPLE SOURCES
(rf = 100.0%)



From Table 7 and Figure 1 the following patterns can be identified:

- (1) Over half (50.7%) of the multiple source requests which could have been supplied within the region were available in two or three libraries;

- (2) almost half (49.3%) of these requests were available at four or more libraries; and,
- (3) as the number of sources increased, requests substantially decreased indicating that there may be a predictable relationship which could determine the degree of duplication in the actual holdings of regional libraries.

In addition to the above there are other measures that can be used to analyze multiple source requests. This will assist in determining which libraries could make better utilization of regional resources. Table 8 lists measures that indicate the average number of libraries able to supply each requesting library when multiple sources exist. Included in this table are the traditional average (mean), the midpoint number (median), the most frequent number (mode), and the amount of dispersion around the mean (standard deviation). Finally, the total number of items that can be supplied is given.

TABLE 8

AVERAGE NUMBER OF LIBRARIES ABLE TO SUPPLY EACH REQUEST

<u>Requesting Library</u>	<u>No. of Requests that could be filled regionally by more than one library</u>	<u>Total No. of regional locations for requested titles</u>	<u>Mean</u>	<u>Standard deviation</u>	<u>Median</u>	<u>Mode</u>
Mid-York Library System	294	1167	3.9	2.1	3	2
Onondaga Library System	147	682	4.6	2.7	4	2
Hamilton College	44	198	4.5	2.8	4	2
Upstate Medical Ctr.	38	198	5.2	3.0	4	4
Syracuse University	30	102	3.4	1.7	3	2
Colgate University	12	32	2.7	1.4	2	2
Utica College	12	35	2.9	1.7	2.5	2
LeMoyne College	3	11	3.7	2.9	2	2
SUNY-Morrisville	2	6	3.0	1.4	3	---
Agway Corporation	1	2	---	---	---	---
Herkimer Com. College	1	2	---	---	---	---
Syracuse U.R.Corp. (University Research)	1	2	---	---	---	---
TOTALS*	585	2437	(4.2)	(2.4)	(3)	(2)

* The totals for the mean, standard deviation, median, and mode are based on all of the data. Thus, they are not the simple mean of their respective columns.

From Table 8 the highest means identify those making the least use of regional resources in terms of identifying which library holds a certain item; these are Upstate Medical Center, Hamilton College, and Onondaga Library System.¹⁹ Colgate, with a small subsample size, may be making the best use of identifying area resources (but this could be due to a limited number of requests). The median, as an indicator of the middle of a distribution, indicates that Mid-York and Syracuse University have similar ILL patterns in their utilization of area resources; furthermore, if they could identify ILL items that four or more libraries could supply they could significantly reduce the number of requests they now send outside the region. For the libraries with means over 4, they could initially increase utilization of regional resources if they identified items held by six or more libraries. Finally, the total number of locations is an indicator of the duplication of regional collections as well as ILL strengths. For example, there are 1167 possible locations for Mid-York's 294 requests that could be filled by more than one regional library.

In all, there were 2437 locations for 585 requests which is a regional supply rate (for multiple source items) of 416.6% (which is also predictable from the total mean of all the data). Note that the regional supply rate for all available items is 199.2% as listed in Table 3.

The conclusions of this section on multiple sources follow:

- (1) the public library systems, who submitted the highest number of original requests, could have had over half of their requests filled by more than one regional library;
- (2) a number of viable alternatives exist to increase the number of requests that could be filled within the region;

- (3) Upstate Medical Center, Hamilton College and Onondaga Library System make the least utilization of area resources based on the mean number of regional libraries able to fill their requests; and,
- (4) on the average, there are four possible libraries that can supply each multiple source request.

C. NILS

The 446 requests that cannot be filled within the region (see Table 2) represent, for the most part, specialized materials such as foreign language publications, medical and scientific information, and a limited number of university press publications. Of course, this is far too general to have much meaning on which future decisions can be based. However, from a more detailed analysis of the nils in the publisher, foreign language, and subject sections there emerges a pattern in which some of the material not available regionally might be predicted. Because these analyses follow, the treatment of the nils here will be limited.

For the total number of requests the rate of nils was 34.2% (446 nils out of 1305 requests). This regional nil rate can now be compared to nil rates reported in related ILL studies. The Nelson study indicates that NYSILL's nils at 18% are roughly half that of CENTRO's rate²⁰ which could be expected given the size and specializations of the collections in the NYSILL referral libraries (e.g., New York Public, Cornell University, Columbia University). Another recent study of ILL, commissioned by the Association of Research Libraries and performed by Westat, Inc., indicate ILL nils in academic libraries to be 28.6% of all requests which is closer to the CENTRO figure reported here.²¹

Finally, a third study by Thomson (reported in a summary of her doctoral dissertation) divided nils into three categories: books not owned which accounted for 17.5% of ILL requests; non-circulating material, 8.1%; and, books not available, 10.1%.²² Since the non-circulating category cannot be interpreted in terms of this study (data was not collected using this category) Thomson's nil rate can be estimated to be at least 27.6% (17.5% plus 10.1%) which is somewhat lower than the 34.2% nils reported here. The point of all of this is that the percentage of ILL nils among the CENTRO member libraries is not substantially different from what would be normally expected of such libraries-- especially considering that all types of libraries are included for analysis.

Lastly, the overall conclusions for this section take on added meaning when incorporated with further analyses of the data. Thus, all major conclusions are stated in the final section of this report.

SECTION 111

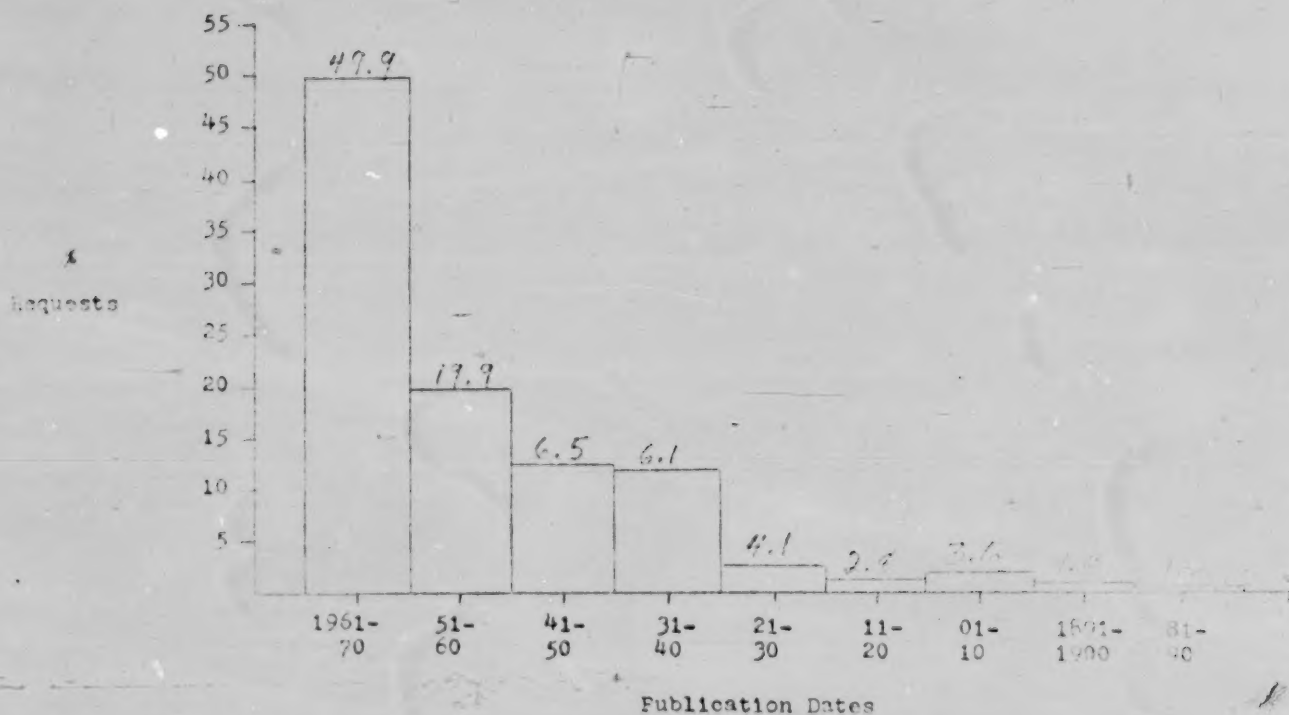
PATTERNS ASSOCIATED WITH PUBLICATION (IMPRINT) DATE

Several noticeable patterns became evident when analyzing the publication (imprint) dates of the ILL requests in the sample. More than one third of the requests (35.7%) were for items published between 1966 and 1971. In all, books published between 1961 and 1971²³ accounted for over half (52.1%) of all requests. Figure 2 is a histogram that shows the sharp drop of requests for material older than 10 years.

Figure 2

REQUESTS GROUPED BY PUBLICATION DATE

rf < 100% *
(chart n = 1215; * based on n = 1244)



* The total percentage (rf or relative frequency) is less than 100% because 29 titles with imprint dates before 1881 were not included.

A curve drawn through this chart would indicate the overwhelming demand for current materials. As expected, the majority of requests for current material came from the public library systems and the special libraries. The requests by publication date groupings are listed below in Table 9.

TABLE 9
LIBRARIES' REQUESTS BY PUBLICATION DATE
(N = 1305)
PUBLICATION DATE

Requesting Library	1971	1961-1970	1951-1960	1941-1950	1931-1940	1921-1930	1911-1920	1901-1910	1891-1900	1881-1890	1871-1880	1861-1870	1851-1860	1800-1850	1601-1799	No. Date	Total by Requesting Library
Mid-York Library System	4	306	104	37	41	16	14	12	7	6	1	2		3		27	502
Onondaga Library System	2	135	36	14	5	6		3								20	211
Syracuse University		30	48	12	11	14	10	19	7	2	2		1	4		6	126
Hamilton College	2	39	29	6	8	10	5	8	1	3	2	3	4	1	2	1	124
Upstate Medical Center	16	61	15	3	1	1	2	1				1				1	102
State University	1	16	3	5	2	2	2	2	1	1				1		3	39
Utica College	2	15	4	1	3		1		1								29
Syracuse Univ Res Corp	1	5	2	2	1	1										3	15
DeWolfe College				5	1	2	1			3					2		14
Herliker		7	1														8
Mohawk Valley		2	1			1			1								5
Agway Corporation			1	1													2
US Veterans Admin Hosp		2															2
Total By Publication Date	28	619	249	81	74	52	34	45	18	15	5	6	5	4	4	61	1305

Note that Mid-York had 19 requests for 19th Century material; more importantly, the highest rate of requests for retrospective materials came from Hamilton College: 12.9% of their requests were for 17th to 19th Century monographs. Such material accounted for 9.6% of Syracuse University's requests.

As expected, the patterns associated with requests for current materials was quite different. Three libraries accounted for 87.6% of the requests for 1970 material: Mid-York (40.4%), Onondaga Library System (24.7%), and Upstate Medical Center (22.5%). Of course, these percentages could partially be explained for the public library systems: they generated 61.3% of the total requests in the sample; in addition, their users may be oriented toward more current information than academic library users. To explain Upstate Medical Center's rate, many studies have shown that over two-thirds of the use of medical books is for material published within ten years²⁴ with the heaviest demand for the most recent material. Thomson found in her 1965-7 survey that "materials published since 1950 accounted for about one-third of the requests from academic libraries, public libraries and school libraries, but for two-thirds of the requests from special libraries."²⁵ The data included in Table 9 suggests that the ILL patterns (by imprint date) are substantially different in this region than found nationally. The demand here is for current material with Hamilton College being the exception to this. The difference between Thomson's findings and these findings could be attributed to two things: the scope of her study was confined to academic libraries and 63 of these academic libraries accounted for 69% of the total loans. The user's reason for initiating an ILL is unknown and this could explain these discrepant findings.

Appendix B is a list of the number of requests by date of publication for each year from 1901-1971 (with summary data for 1606-1900). Almost three-fourths of all requests (72.0%) were for items published from 1950-1971. Retrospective titles from 1606 to 1920 only comprise 11.3% of the total number of requests.

Information such as this is important for planning purposes. If a regional holdings list (or a union catalog) is planned, it will be important to know the approximate volume of ILL requests by publication date. This allows for making a comparison between the cost of including certain retrospective materials and the amount of ILL use (or benefits) such material can be expected to receive.

A statement on methodology is in order here. The percent of requests by year (as found in Appendix B) could be compared to the number of books published for that year to determine if volume (of publishing) accounts for demand (i.e. the number of requests). However, this makes an assumption that the regional libraries acquired books in proportion to the number of books published for a particular year. Given the size of the majority of regional libraries, there is no empirical or intuitive basis to make such an assumption;²⁶ consequently, this line of investigation was not developed.

An additional analysis was done by publication date to determine which libraries are supplying current and retrospective materials. No discernible patterns were evident.

Publication date information has several uses. First, such information is valuable for planning purposes. If a regional holdings list were started with acquisitions from the past ten years, it should be useful for one-half of all ILL requests. In another ten years it should be useful for 70% of all ILL requests. This makes two assumptions: that the present fiscal constraints have not seriously weakened regional resources and that users' ILL requesting patterns for monographs published in the past ten to twenty years will continue into the future. Furthermore, if a regional holdings list were started with monographs published within the past ten years and the above assumptions hold true, then the data

suggests that the place to house such a list would be at the Mid-York Library System. The reasons for such a recommendation ²⁷ are:

- (a) Over half(52.8%) of Mid-York's requests were for material that was published within the last ten years;
- (b) Mid-York's volume for such material is far greater than any other library's and presently comprises almost half (49.4%) of all requests for this ten year time period;
- (c) This data represents requests sent outside the region and does not represent the majority of Mid-York's total volume which includes regional libraries utilized during the survey period.

In summary, any plans for ILL regional cooperation should take into account the volume of requests by publication date. There are, of course, many alternatives available for such cooperation; one that could be derived from publication date information has been presented in this section with a recommendation that was prompted by analysis of the data. That is, if a regional holdings list containing monographs published within the last ten (or twenty) years is a viable alternative then it is recommended that Mid-York Library System assume responsibility for such a list.

SECTION IV

FOREIGN LANGUAGE TITLES

An analysis of foreign titles was done to determine possible supply patterns by this category. Previous studies have shown that foreign language titles account for 11.1% of ILL requests with publication dates between 1950-1965 and 21.8% of ILL requests with publication dates prior to 1950.²⁸ The ARL study indicates that most foreign language requests are filled.²⁹

There were 141 foreign language titles which accounted for 10.8% of all ILL requests in the survey. Table 10 is a list of the number and percentages of these requests as well as identification of the percentage that can be supplied within the region.

TABLE 10

FOREIGN LANGUAGE TITLES
(n = 141)

<u>Language</u>	<u>Number of Requests</u>	<u>% of Foreign Language Requests (n=141)</u>	<u>% of Total Requests (N = 1305)</u>	<u>% that can be supplied regionally*</u>	<u>% NIL*</u>
French	45	31.9	3.5	13.3	86.7
German	29	20.6	2.2	24.1	75.9
Italian	3	2.1	.2	33.3	66.7
Polish**	30	21.3	2.3	23.3	76.7
Russian	12	8.5	.9	0	100.0
Scandinavian	4	2.8	.3	0	100.0
Spanish	16	11.4	1.2	12.5	87.5
Other	<u>2</u>	<u>1.4</u>	<u>.2</u>	50.0	50.0
TOTALS	141	100.0	10.8		

NOTE: Number that can be filled regionally is 24 requests; NILS account for 117 requests. Percent fill rate for foreign titles is 17.0%; this is 1.8% of all (1305) requests.

* Based on number of requests for that language. Last two rows add across to 100.0%.

** Most Polish language requests were from Mid-York.

Only 24 requests (17% of all foreign language titles) can be supplied regionally which is the opposite of that noted nationally among academic libraries. These 24 titles that can be filled comprise a meager 1.8% of all (1305) requests.

No discernible patterns existed among regional supplier, language, or publication date. However, when supplier is considered separately, Colgate and Syracuse Universities accounted for almost all (83.3%) of those that could be regionally supplied. Exceptions to this for German publications were Upstate Medical Center who could have supplied two of the 29 and Mid-York who was able to supply one; Utica College was able to supply one French publication.

The conclusions that can be drawn from this are:

- (a) Foreign language publications represent a small percentage of the total number of ILL requests;
- (b) Most ILL foreign language requests being sent outside the region are not available within the region;
- (c) Present practices regarding regional handling of foreign language requests should continue unchanged; and
- (d) If cooperative collection building is planned, then foreign language materials should be examined to determine regional strengths and weaknesses.³⁰

SECTION V

SUBJECT PROFILES

An analysis of requests by subjects indicated that patterns exist which would be useful for determining likely regional suppliers. This information can be combined with publisher/date information to identify the best source that might fill a particular request. The section on the search strategy model contains specific procedures and examples that utilize this subject data. However, the summaries of the subject data are only for purposes of comparison with analogous research; the true value of the subject profiles lies in the actual data collected which is contained in Appendix C and Appendix D.

The Library of Congress Catalog: Books (LC Cat) and the National Union Catalog (NUC) were used to obtain subjects for each request.

Of the 1305 requests, over 1000 main entries³¹ were identified in either the LC Cat or the NUC. If subjects were assigned, then the first subject listed was copied for that main entry. A total of 983 requests had subject headings; this amounted to three-fourths of all requests (75.3%) and was considered large enough to yield subject patterns.

(A number of entries had title and author tracings but no subject headings.) These 983 requests with subjects are listed alphabetically with supplier (if any) in Appendix C. They are also listed by library able to supply them (as well as nils) in Appendix D. These two appendices provide the substance of this analysis in that they can be used as input to the search model. The summary data from these subjects are analyzed below.

The subject headings from Appendices C and D were grouped into a summary subject profile; this, in turn, was grouped into a more general summary. The subject groupings used for the summaries were derived from the NYSILL Manual's ³² "Outline of Dewey Decimal Classification for Use in the New York State Interlibrary Loan Network." It was found that these general categories could accommodate all but nine of the 983 subjects found; ³³ furthermore, the State Library and NYSILL generally report subject analyses using the Dewey numbers submitted with ILL requests. Unfortunately, few analyses were recently done and available in the open literature to afford an accurate comparison among subject summaries to determine if the ones reported here are representative of more general patterns currently found throughout the state. ³⁴ A five-year-old Nelson Associates survey (1968) was the most current comparable data available.

Table 11 is a comparison of the Nelson report's (1968) NYSILL subjects with those of this survey which could be supplied regionally (i.e., NIL's have been excluded from the list).

TABLE 11

GENERAL SUBJECTS OF REQUESTSFROM CENTRO AND NYSILL SURVEYS³⁵

<u>SUBJECT CATEGORY</u>	<u>CENTRO</u>		<u>NYSILL</u>	
	<u>No. of Requests</u>	<u>% (n=728)</u>	<u>No. of Requests</u>	<u>% (n=9705)</u>
a. Social Sciences	160	22.0	1776	18.3
b. History	128	17.6	1291	13.3
c. Science/Mathematics	62	8.5	893	9.2
d. Medicine	59	8.1	873	9.0
e. Education	56	7.7	835	8.6
f. Philosophy/Religion	49	6.7	825	8.5
g. Fine Arts	47	6.4	786	8.1
h. Psychology	39	5.4	699	7.2
i. Engineering/ Technology	37	5.1	621	6.4
j. English Language/ Literature	35	4.8	621	6.4
k. Foreign Language/ Literature	38	5.2	252	2.6
l. All others (General Works)	18	2.5	233	2.4
TOTALS	728	100.0	9705	100.0

The relationship between the CENTRO and the NYSILL subject distributions is not very clear. A chi-square test showed these two distributions to be related (statistically significant at .001); however, this was probably a spurious finding since the sample size was quite large.

In fact, the strength of the association between these distributions (using Cramer's phi coefficient) was so weak that the overall chi-square test became meaningless. Assuming, however, that this is more likely a population figure, then a visual inspection of the summary data in Table 11 indicates that there is very little difference between the distribution of subjects of NYSILL and CENTRO requests. The only conclusion that could be made from this is that without a Union Catalog it may be impossible to distinguish those titles (by subject) that should be referred to NYSILL from those that could be filled regionally.

In addition, a detailed listing of summary subject profiles is provided in Table 12 (next two pages) to gain a better understanding of Appendices C and D. This includes all requests for which subject headings existed; it also gives the number of NILs as well as the percentages for each subject category of requests. Some topics are listed for which there has been a current demand during the past few years (e.g. categories 1.b and 7.e); notice that there is little demand for foreign literature and much less demand for foreign language materials; of this demand, most requests can be satisfied regionally. The demand in the social sciences is consistently high in sociology, political science, economics/business, psychology, and especially education. As expected, biographies and the medical sciences accounted for the highest percentages of requests (9.7% and 7.9% respectively) than any other category. Finally, it should be mentioned that biographies accounted for a high number of NILs in the region (46 nils out of 95 requests) and this area may deserve attention in strengthening regional resources.

Lastly, conclusions from the data presented are:

- (a) Subject headings between the region and NYSILL appear similar

in their distribution;

- (b) There may be a relationship between regional user demands and NYSILL demands; and,
- (c) Without a union catalog (or similar location device), it may be impossible for ILL librarians to identify requests that can be supplied regionally from those that must be supplied through the State.

TABLE 12

SUMMARY SUBJECT PROFILE
(n = 983)

<u>SUBJECT GROUP</u>	<u>No. of requests in group</u>	<u>No. of NLS</u>	<u>Total % requests in group (n=983)</u>
0. GENERAL WORKS - GENERAL	1	(3)	.1
a. Bibliography/Library Science	17		1.7
b. Collected Works	1		.1
c. Rare Books	2		.2
1. PHILOSOPHY			
a. General/Specific	16	(1)	1.6
b. Occult, witchcraft, magic, psychic	25	(11)	2.5
2. RELIGION	49	(15)	5.0
3. SOCIAL SCIENCES - GENERAL	4		.4
a. Sociology	56	(3)	5.7
b. Political Science (includes military science)	36	(13)	3.7
c. Economics/Business	37	(8)	3.8
d. Law	17	(3)	1.7
e. Education	61	(13)	6.2
f. Customs & folklore	24	(1)	2.4
g. Psychology	47	(8)	4.8
4. LANGUAGE - GENERAL	4	(1)	.4
a. English	6	(2)	.6
b. German	0	0	
c. French	0	0	
d. Italian	0	0	
e. Spanish/Portuguese	1	(1)	.1
f. Classical	0	0	
g. Other (almost all different)	10	(5)	1.0
5. SCIENCES, NATURAL (includes ecology)	9	(2)	.9
a. Mathematics (includes statistics)	13	(1)	1.3
b. Astronomy	2	(1)	.2
c. Physics	4	(2)	.4
d. Chemistry	11	(1)	1.1
e. Geology	4		.4
f. Anthropology	15		1.5
g. Biology (both Botany & Zoology)	13	(2)	1.3
6. SCIENCES, APPLIED - GENERAL			
a. Medical (health, nutrition, diseases, nursing)	78	(19)	7.9
b. Engineering (includes program- ming languages)	18	(5)	1.8
c. Agriculture (includes farm animals)	15	(1)	1.5

<u>SUBJECT GROUP</u>	<u>No. of requests in group</u>	<u>No. of NLS</u>	<u>Total % requests in group (n=983)</u>
d. Home Economics	10	(2)	1.0
e. Technologies	19	(9)	1.9
7. ARTS - GENERAL	12	(2)	1.2
a. Architecture	7	(2)	.7
b. Painting	7	(3)	.7
c. Photography	1		.1
d. Music	14	(3)	1.4
e. Recreation	26	(10)	2.7
8. LITERATURE - GENERAL	12	(1)	1.2
a. American	8		.8
b. English	10		1.0
c. German	5		.5
d. French	6	(2)	.6
e. Italian	1		.1
f. Spanish/Portuguese	7		.7
g. Classical	3		.3
h. Other	4	(1)	.4
9. HISTORY - GENERAL	1		.1
a. Geography	29	(10)	3.0
b. Biography	95	(46)	9.7
c. Ancient history	10	(1)	1.0
d. Europe	28	(14)	2.9
e. Asia & Middle East	12	(5)	1.2
f. Africa	2	(3)	.2
g. United States (many on Indians)	44	(15)	4.5
h. Other North American	5	(4)	.5
		(255)	
FICTION*	9		.9
TOTALS	983		100.0**

*Overlaps with literature and only includes fiction with subject headings.

**May not equal 100% due to rounding

SECTION VI

PUBLISHERS' PROFILES

This section is a summary of an analysis of publisher information. This will include imprint date as well as identify regional libraries that could supply a monograph given publisher date and information. The data that this summary is derived from are contained in Appendices E and F. Appendix E is a list of all publishers with imprint date for those regional libraries that could supply their monographs (NILS are also identified). Appendix F uses the same information arranged differently; it is a list of regional libraries by publisher with imprint date of material they hold (NILS comprise a separate list). A summary of this data follows.

There were a total of 577 publishers listed for the 1305 requests. This amounts to an average of approximately two and a quarter books per publisher; however, such an average is meaningless because 28 larger publishing houses accounted for 335 requests. Table 13 is a list of these larger publishers³⁶ with the number of requests for their titles and the total number of regional libraries able to supply these titles. Table 13 also lists the number of NILS for that publisher. In all, this represents over one-third (35.6%) of all requests that could have been supplied regionally.³⁷ For these 306 requests available regionally there were 1143 possible regional locations. For each monograph this represents 3.7 possible regional suppliers; these 28 publishers identify almost half (47.0%) of the total number of multiple sources given in Table 8. NILS only accounted for 8.7% of these requests. Note especially the availability of materials from Harper-Row, McGraw-Hill, Macmillan and Prentice-Hall. They accounted for 109 requests of which 104 were available at 430 possible regional locations.

TABLE 13.
LARGER PUBLISHERS AND REGIONAL ABILITY TO SUPPLY

<u>Publisher</u>	<u>Total No. of Requests</u>	<u>Total No. of Supply Locations</u>	<u>No. of NILS</u>
Abingdon	8	21	
Appleton	9	18	3
Columbia Univ.	7	24	
Doubleday	10	48	
Dutton	9	23	1
Grove	7	16	1
Harcourt Brace	8	49	
Harper-Row	22	100	
Harvard	8	13	3
Holt	9	16	2
Houghton	15	61	1
Knopf	7	33	
Little	7	23	1
McGraw-Hill	27	111	
Macmillan	28	117	3
Oxford Univ. Pr.	20	65	1
Pergamon	7	20	
Prentice-Hall	32	102	2
Princeton Univ. Pr.	7	22	3
Putnam	9	34	
Saunders	11	40	1
Thomas	12	16	3
UNESCO	7	11	1
U.S. Gov't Printing Ofc.	9	19	1
Univ. of California	9	21	
Univ. of Chicago	14	50	1
Van Nostrand	7	18	1
Wiley	12	55	
Totals	337	1146	29

The best supplier for any particular publisher can be determined by examining Appendix E; for example, Syracuse University was able to supply 63.6% of Harper-Row publications. Taken together, Syracuse University, Hamilton College, and the two public library systems were able to supply all of Harper-Row's publications. The conclusions that can be drawn from these data are:

- (a) Regional holdings indicate over 90% coverage of larger publishers;
- (b) There are normally multiple locations for monographs of larger publishers; and,
- (c) Utilization of publisher duplication can increase regional ILL supply by one-third.

In addition, smaller domestic publishers³⁸ were well covered in the region. For example, one small publisher, City Lights, only accounted for two requests but these were available in 18 possible locations. The public library systems were good suppliers of monographs of small, domestic publishers. University and foundation presses were well covered in the region by three libraries: Syracuse University, Hamilton College, and Colgate University. In many cases, Hamilton College and Syracuse University duplicated each other in this area; Colgate was often able to supply University Press monographs that the other two did not hold. Consequently, it is recommended that the regional ILL supply pattern for monographs of university and foundation presses be through Hamilton (which would include Colgate's holdings) and then be referred to Syracuse University.

Very small publishers, private presses, defunct publishers, and foreign publishers accounted for most of the NLS as indicated in Appendix F. When several requests required monographs from private, foreign or defunct publishers, none were available regionally (e.g. Czytelnik, New Park, Oliver and Boyd Unger, and Pax). As mentioned previously, ability to supply appeared to be a function of selection.

With few exceptions, monographs available within the region had one or more of the following characteristics:

- (a) Popular authors (e.g. Marshall McLuhan, S.I. Hayakawa);
- (b) Authors as key individuals in a field (e.g. Carl Rogers, Leon Festinger, Douglas MacGregor);
- (c) University press publication; or,
- (d) Large or reputable publisher (e.g. Macmillan, Knopf, Wiley).

Those monographs possessing two or more of the above characteristics were almost always available regionally. This finding is not surprising since the characteristics above contain elements of a library's selection policy. Thus, selection policies which determine collection strengths and weaknesses should be made available to all regional ILL librarians. In the absence of a union catalog, this will assist librarians in isolating and identifying individual collection building in unique areas. It should also provide a framework for identifying common selection areas for which there will be duplicate material within the region.³⁹

The number of times a library was the only (or sole) supplier for a particular monograph was collected by publisher and imprint date. The attempt here was to identify unique patterns that may have existed in a library's selection policy during a particular period of time. The results of this, however, were disappointing. Of course, the data correlated with the sole source information given in Table 4 but did not reveal any general patterns. Nonetheless, there were several isolated trends that were evident. Syracuse University was sole source for 21.8% (7 requests) of Prentice-Hall's publications. Also, Syracuse University was the best supplier of foreign publishers. Mid-York and Onondaga Library Systems were often listed as the sole source for material from one of the larger publishers.

Hamilton College was sole source for many retrospective materials published in Great Britain or Germany. Colgate was often sole source for university press publications and smaller domestic publishers. Upstate Medical Center, as expected, was sole source for current scientific press publications. For the remaining suppliers, it was impossible to develop a pattern since the individual sample sizes were too small (less than 10).

No libraries were able to supply any monographs of 192 different publishers (or one-third of all publishers). As mentioned, these were often obscure, defunct, or foreign presses and because many of them accounted for only one request, it was impossible to determine a specific pattern. In general, if a request for one of these publishers cannot be supplied by Hamilton/Colgate or by Syracuse University, then it should be referred outside of the region.

In summary, the conclusions for this section are:

- (a) Twenty-eight publishers can supply one-third of the requests being sent outside the region;
- (b) These twenty-eight publishers account for almost half of the duplication in regional holdings;
- (c) If a book is written by a popular writer (or established researcher) or is published by a university press or large publisher, then it will almost always be available regionally; and,
- (d) Strengths and weaknesses in regional collections appear to be a function of selection policies.

The recommendations resulting from the above data are:

- (a) Attempts should be made to supply regionally any monograph from one of the twenty-eight identified publishers;
- (b) With little effort, it appears that a cooperative acquisitions policy could insure that all monographs published by the twenty-eight identified publishers are acquired annually by regional libraries; ⁴⁰

- (c) Requests for university press publications, foreign press publications, and retrospective titles should be sent to Hamilton/Colgate, then referred to Syracuse University, and then referred outside the region; 41 and,
- (d) Selection policies of all libraries which identify at least unique collection strengths and specific areas of collection building to include publisher information should be made available to all regional ILL librarians.

SECTION VII

ALTERNATIVES TO IMPROVE ILL COOPERATION

In previous sections of this report, data have been presented which suggest that full utilization of regional resources can occur with a union catalog. However, there are several reasons for not developing a catalog at this time: costs, development time, and duplication of effort with the State. These involve policy matters that are not within the scope of this report. Thus, other alternatives will be presented which: minimize costs while providing maximum benefits; reduce development time; and, avoid conflict with State directives. These alternatives to a full union catalog which will increase regional ILL cooperation are:

- (a) Numerical register;
- (b) Partial union catalog;
- (c) Cooperative acquisitions by subjects and publishers;
- (d) Selected publisher's holdings list;
- (e) Interlibrary telephone service;
- (f) Bibliographic center; and,
- (g) Search strategy model.

The first six of these alternatives will be outlined to determine the general benefits each would provide in solving the problems identified in previous sections. Based on these benefits, recommendations will be made concerning each alternative. Also, because the last alternative given, search strategy model, is an integral part of this report, it will be treated later in a separate section.

A. Numerical register. William McGrath, Director of Libraries at the University of Southwestern Louisiana, has developed and implemented a unique system to gain access to Louisiana's statewide library resources.

Termed the Louisiana Numerical Register (LNR), it utilizes the Library of Congress card order number with a library location symbol. About 23 large libraries in the state participated in the project by compiling a list of all the LC card order numbers available from their shelflist. This included an average of over 80% of the holdings of the libraries; excluded were cataloged items without LC copy (e.g. some 19th Century monographs and original cataloging). These lists were then keypunched, computer sorted (by number) and printed on microfiche (output could also be on paper). Then, when requesting a book on ILL, the librarian uses the LC card order number (found in CBI, BPR, PW, LJ, NUC, etc.) to determine where the book is located in the state. If there are multiple locations, then the ALA Code is followed to use the smaller libraries first. In all, the system is highly successful. It has increased regional cooperation, identified the degree of unique holdings, and has been used to determine the degree of duplication among Louisiana's library holdings. Further, it is very cost effective. Library costs amounted to about 2½¢ a title. (However, there is no impelling necessity that a numerical register be computerized; yet, manual sorting time would be much longer).

A system such as the LNR has the capability to be used at a later time for incorporation into a union catalog. The Syracuse University data base includes the LC card order number; consequently, it might be possible to produce a regional union catalog that uses this number. Until that decision is made, it is recommended that a feasibility study be conducted to identify advantages, disadvantages, costs, and development time for CENTRO to adopt the LNR system.

B. Partial union catalog. Over seven out of ten books requested on ILL had imprint dates between 1951-71; thus, it might be feasible to develop a partial union catalog of such material.

A partial union catalog of the previous ten years should be useful for over half of all ILL requests (see Appendix B). Such a union catalog could either be a short title index or could provide complete bibliographic information. It would be expensive to develop and operate given its use of supplying locations for half or three-quarters of regional ILL requests. In addition, if the State were to develop a computer-based bibliographic information system, a compatibility problem might exist. Finally, this approach probably involves almost as much cost as a complete union catalog. In all, it is not recommended that a partial union catalog be developed.

C. Cooperative acquisitions by subjects and publishers. This approach would be beneficial for strengthening area resources which are already fairly strong. Since only 35.6% of all ILL requests during the survey period were not available regionally, it could be concluded that collections are quite strong. In fact, they appear to be much stronger than ILL librarians would anticipate. Also, the 446 requests that could not be filled regionally represent (for the 13 participating libraries) a small number of the total ILL activity for that period. Cooperative acquisitions would be beneficial not only for ILL but also for long range planning in collection development. Unfortunately, there would be several major problems if this were the only alternative chosen. It would not increase ILL regional cooperation for a number of years (at least ten) until individual or shared collections assumed the breadth and depth of coverage that ILL is dependent upon. It would not be easily implemented since libraries must duplicate each other in many areas and because the plethora of selection decisions is too large to coordinate one.

Most cooperative acquisition programs within a Reference and Research Library Resources System only involve high dollar items and this is often done for a good reason. Furthermore, the problem at hand is utilization of existing resources on a title by title basis. Special collections do not necessarily mean that a library can fulfill ILL requests. However, if ILL requests were used as a barometer of users' needs, then a cooperative acquisitions program may be beneficial. In light of this study, this recommendation is not endorsed as an immediate solution to regional ILL problems.

D. Selected publishers holdings list. A stop gap measure to provide immediate relief to the ILL problem would be preparation of a regional selected holdings list. This was alluded to in the publishers' section of this report and it would include identification of holdings by a particular publisher. As mentioned, 28 publishers accounted for one-fourth of all requests and over one-third of those available regionally. A checklist of holdings by these publishers would have increased ILL performance tremendously; this would assume a comprehensive checklist from 1606-1971. A one year old checklist (for 1970) would have increased performance only about 3%. Such an alternative as this one would take time to develop and it might be impossible (and certainly undesirable) to attempt a comprehensive checklist for a payoff as low as 3%. Consequently, this alternative involves much cost for a questionable number of benefits. If combined with a cooperative acquisitions program it could insure comprehensive coverage of key publishers and this would be beneficial for strengthening area resources. Yet, this would clearly be its major use; it could not be expected to solve the ILL problem.

However, this should not minimize its importance in strengthening regional resources. Thus, it is recommended that the 28 publishers identified in Table 13 receive, as much as is feasible, comprehensive coverage within a cooperative acquisitions program.

E. Interlibrary telephone service. This alternative of a toll free telephone service has been utilized in a 3-R system and proved to be highly successful. It benefits ILL, reference services, and acts as a vehicle of information exchange among librarians. It could place additional burdens on the larger (supplying) libraries but this could easily be offset by funnelling calls through the Bibliographic Center. In relation to the ILL problems, there is no guarantee that significant improvements would be made if librarians could call each other (or the Bibliographic Center) to determine possible suppliers. However, it would be highly unusual if improvements were not immediately evident. This would be especially true if this service were offered in combination with one or more of the alternatives presented here.

F. Bibliographic Center. The existence of the CENTRO Bibliographic Center testifies to the need for some method to increase interlibrary cooperation by utilizing regional resources more fully. This applies in particular to ILL. Without a complete union catalog, the ILL effectiveness of any bibliographic center would depend upon its ability to perform the following functions:

- (1) Meet public library system needs which accounted for 61.3% of all requests;
- (2) Take advantage of Syracuse University's resources which could supply 54.2% of all requests available within the region;
- (3) Identify requests which could only be filled by one regional library - especially Syracuse University and Mid-York Library System who together could supply 47.9% of such requests;
- (4) Determine multiple suppliers for certain types of material to assist libraries (especially Upstate Medical Center, Onondaga Library System, and Hamilton College) in identifying areas of regional duplication;

- (5) Identify collections that are strong in current acquisitions (past 10 years) by certain publishers; and,
- (6) Provide bibliographic, referral and network switching services to verify requests that must be sent outside the region to be filled.

From the above list, it can be seen that ILL regional support by a bibliographic center involves full utilization of libraries' holdings. The data presented in this report have yielded a number of patterns associated with the ILL process which have an impact on the type of a bibliographic center needed to serve the region. The six measures outlined above are only some of the essential functions the center should perform; indeed, non-ILL functions of the center or geographic considerations are not addressed here. Yet, there is sufficient data to recommend the best library to be a regional bibliographic center. From this data, there is only one library that can meet the six requirements listed above, perform the ILL functions necessary to a bibliographic center, realistically address the other recommendations listed throughout this report, and provide a full range of resources in support of all regional libraries. This is Syracuse University Libraries.

It may be stated that if Syracuse University were the site for the bibliographic center then a fundamental principle of ILL would be violated; that is, referral patterns should go from smaller libraries to larger ones. However, this is not seen as an obstacle.⁴² It has been shown that Syracuse University can supply over half of all requests; it relies little on other regional libraries; it has an on-line data base that has the capacity for producing a union catalog that would be over two-thirds inclusive of regional holdings; and, it would be a logical switching place to refer requests outside of the region.

If any of the other alternatives provided are implemented, the ILL librarians might be able to determine locations for many requests without the need of a bibliographic center. In these cases, Syracuse University would be the outside link with State and National resources. On the other hand, if none of these alternatives were implemented and Syracuse University were the site of the bibliographic center, then special consideration would have to be made for only one library in the region: Mid-York Library System. This special consideration would simply be terminal access to Syracuse University's data base to assist Mid-York in screening its requests prior to submitting them to the bibliographic center.

Because of Mid-York's volume, this would reduce process time and enable Mid-York to continue timely service to the users of their member libraries. In conclusion, there is substantial evidence based on ILL information to recommend that Syracuse University be the site of CENTRO's bibliographic center.

SECTION VIII

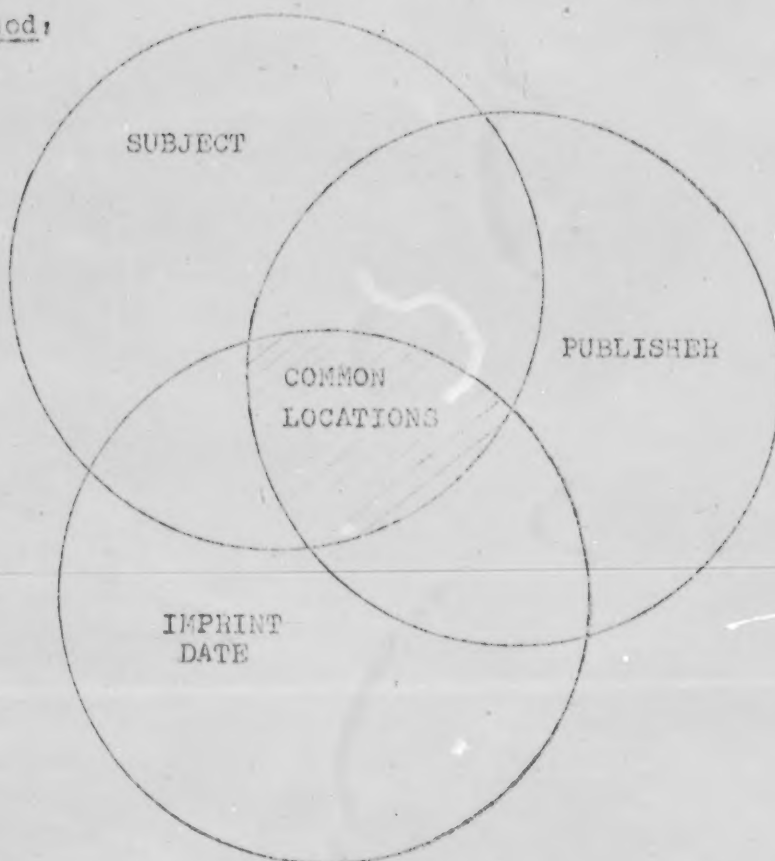
SEARCH STRATEGY MODEL

An immediate increase in the utilization of regional resources may occur based on the data presented thus far in this report. Organizing this data as input to a model can provide ILL librarians with a technique to determine the best possible supplier for a particular ILL request. This technique will be based on the subject of the request, publisher information, and imprint date. Cost and in-print status should also be a consideration and, arbitrarily, a \$4.00 threshold was established as a reasonable purchase cost. Thus, in-print monographs costing \$4.00 or less should not be requested within the region except by special arrangement between libraries. As will be shown later, this should eliminate about one-fourth of all requests. The effect of adopting a cost policy for in-print requests will reduce the reliability of the search strategy model because there were overlaps between cost data, publisher data, and subject data; however, the model should be functional for most applications.

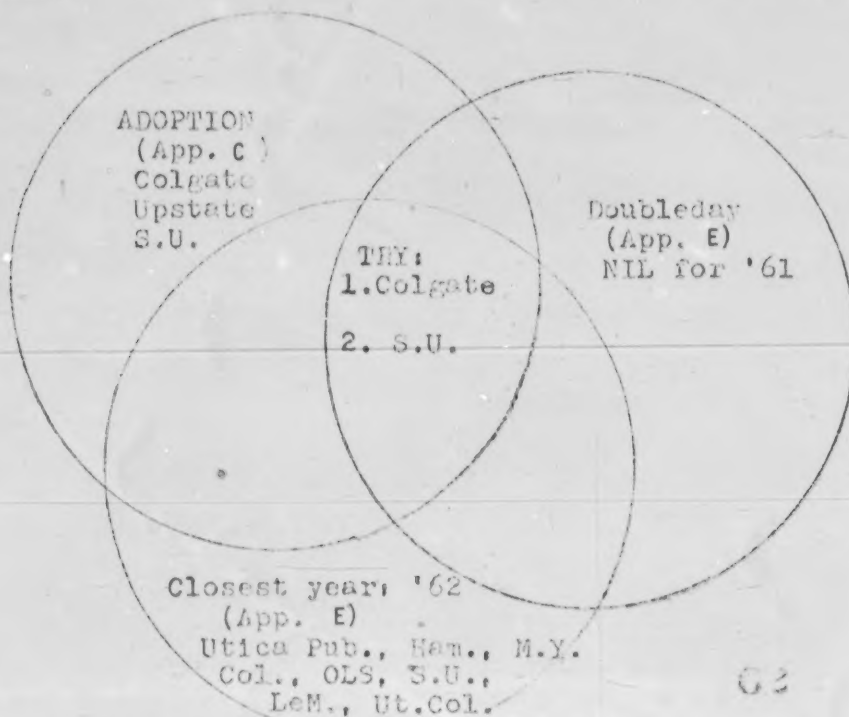
The premise that the model is built on is a simple one: combined data elements from an ILL request are compared with known locations for similar requests. Venn diagrams can be used to determine the intersection of this data. This, in turn, gives location information. Figure 3 provides the method and an example of using Venn diagrams⁴³ to predict possible locations for a specific request. Overlap among the three data elements indicates the library or libraries that might be able to fill that request. Of course, past experiences should be used to augment intuitive hunches and guesses.

METHOD TO PREDICT POSSIBLE LOCATIONS
FOR A SPECIFIC ILL REQUEST

Method:



Example: Request for book on adoption published by Doubleday in 1961.



Many subjects are not covered in Appendices B and C and substitution is permitted since monographs receive multiple subjects; in these cases, try to go from the more general subject (from the request) to a more specific, similar subject (Appendix C). Publisher substitution is not permitted since it is impossible to generalize from one publisher to another. However, imprint substitution is permitted since it was shown that holdings tend to be a function of selection. As the example in Figure 3 demonstrates, a close approximation of imprint date should be sufficient. It would be unwise to stretch imprint substitution beyond ten years (i.e. five years on either side of the request). Due to personnel and policy changes, it would be likely that selection policies change significantly over a period longer than ten years.

So far, only an elementary use of the model has been made. Before elaborating on other aspects of the model, a word of caution is in order. The model is not a substitute for a union catalog or any of the more viable alternatives presented in the previous section. Instead, it is an attempt to approximate collection strengths based on survey data. In short, it is intended to improve guessing. If it is accurate in determining locations one-fourth of the time, then it can be considered highly successful. This would improve cooperation by filling about 2,000 additional requests a year within the region. If it also functions to identify NILS, this will improve search strategy and can save processing time, library costs, and user costs. The full benefits of the model are realized when all four appropriate appendices (C, D, E and F) are used. Each provides valuable information in predicting a possible location for a specific request.

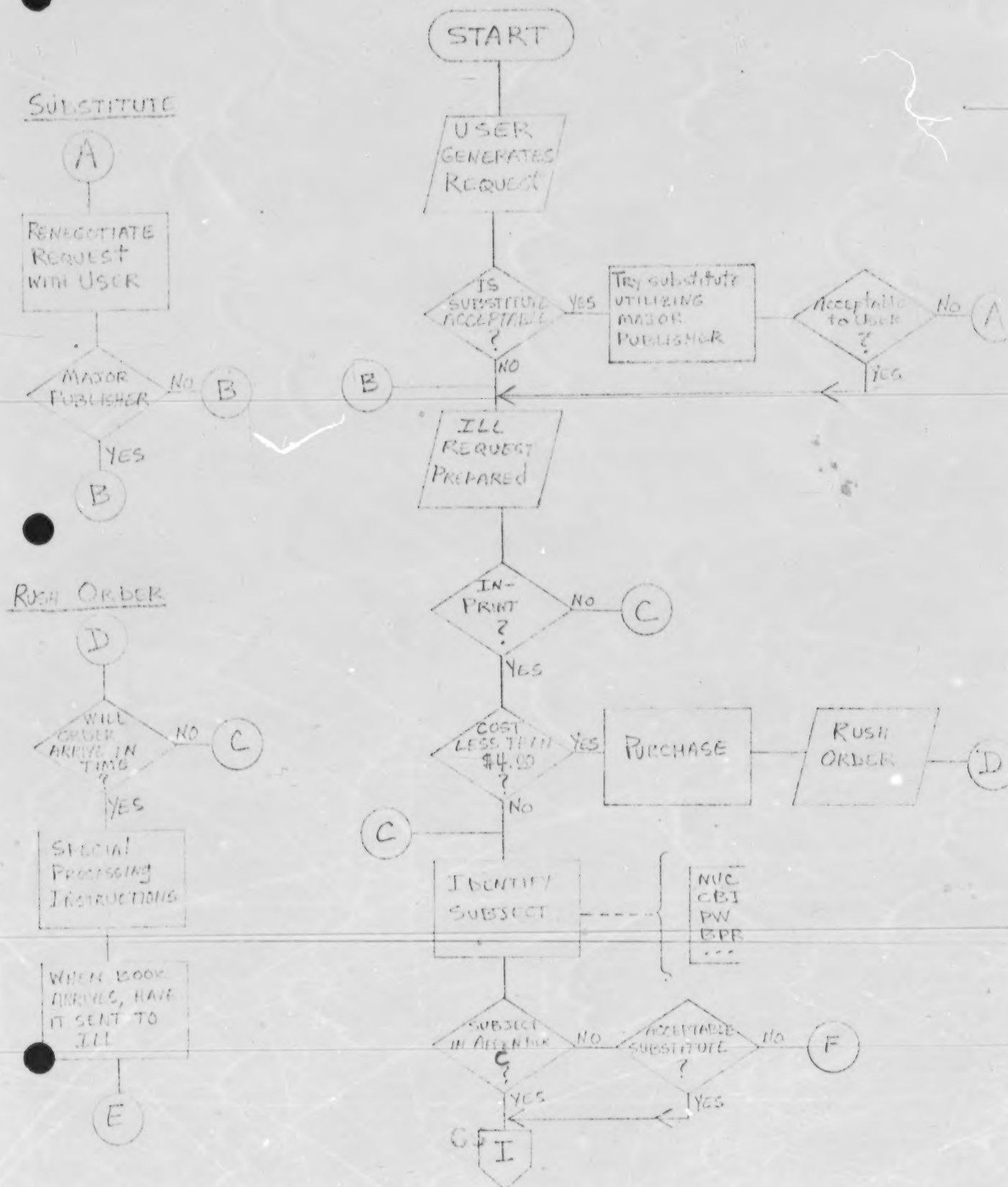
Yet, the model should not be used in lieu of previous experiences. Instead, the two should complement each other and new data should be added to refine the process and the model itself. Finally, application of the model involves distinct steps and these will be treated in detail utilizing a program flowchart.

Figure 4 is a flowchart listing the essential steps and decision points that will be reached when using the model. Standard ILL practices (i.e. verification) have not been included to keep the flowchart as simple as possible. Notice at the beginning of the flowchart the negotiation process that can occur with the user. If a user is willing to accept a substitute (other than a different edition), then it is recommended that an attempt be made to fill that request with a monograph of a larger publisher. This will substantially increase the likelihood of filling that request within the region. Also, at the end of the flowchart it is assumed that each library will contact other regional libraries directly. If this function is assumed by the bibliographic center then the process still remains the same; of course, the lines of the flowchart can be modified accordingly. Fundamental to the flowchart are the many decisions that must be made in identifying regional suppliers. With the exception of publishers, substitutes can be made. However, the data supporting the model represent requests sent outside the region. The processes used to identify those that could be filled within the region (e.g. TWX, experience) should continue and should not revert to the model. In fact, this point was included in the flowchart: if no matches can be made, then estimates should be used.

Realistically, if there is a combination of no subject match (or substitute match), no publisher match, no approximate imprint date match, and experience indicates going outside the region, then no further checking should be done. This is the most cost beneficial course of action that could be followed. Without more sophisticated and comprehensive holdings tools, efforts beyond this should not be expected of ILL librarians.

In conclusion, the search strategy model should prove beneficial in identifying approximately one-fourth of the locations for ILL requests now going outside the region. Its effective use depends on overlapping data elements to determine which libraries have these in common with the request at hand; this comparison yields matches (or nils) which can be used to make decisions regarding regional capabilities to supply the request. In addition, validity checks give an indication of particular regional library strengths. Finally, all essential steps in this process are included in a program flowchart which hopefully, optimizes benefits and reduces costs.

REQUEST FLOW



BIBLIOGRAPHIC CENTER

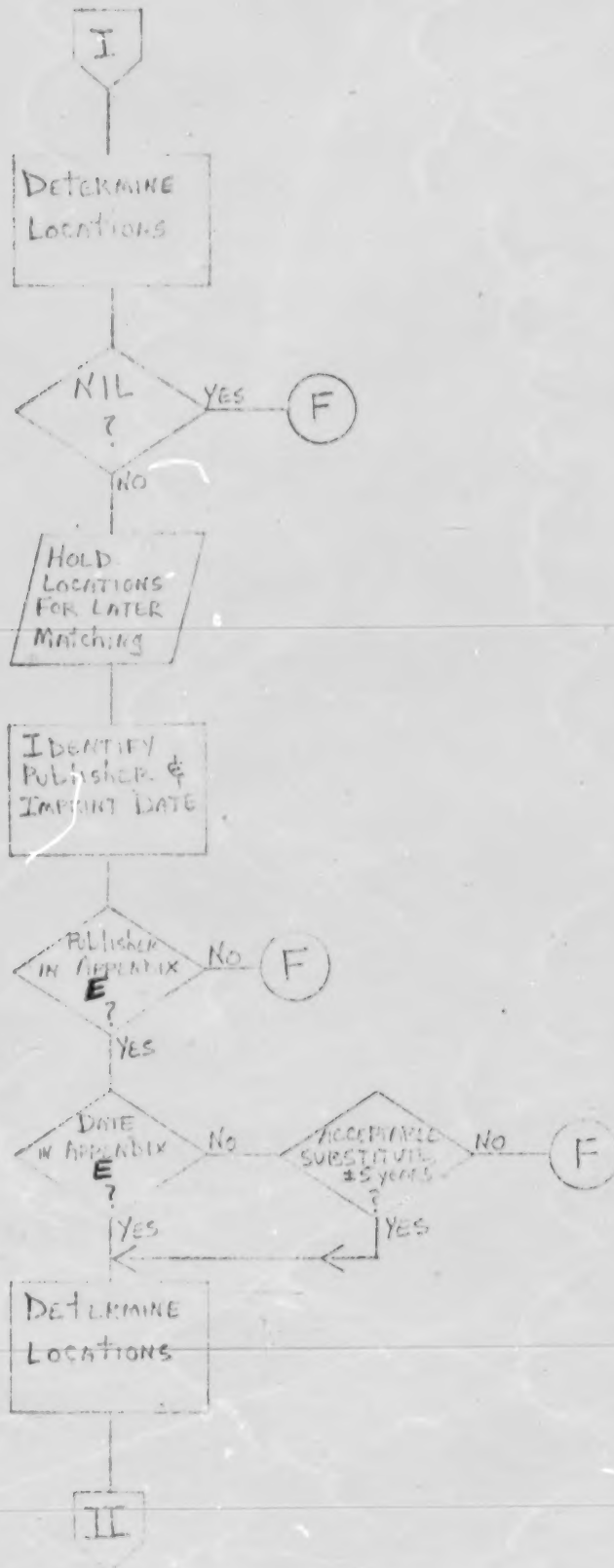
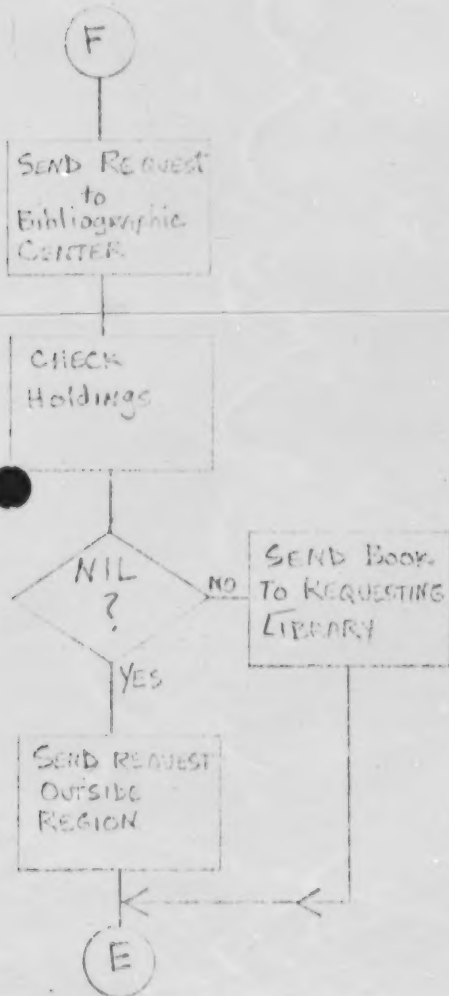
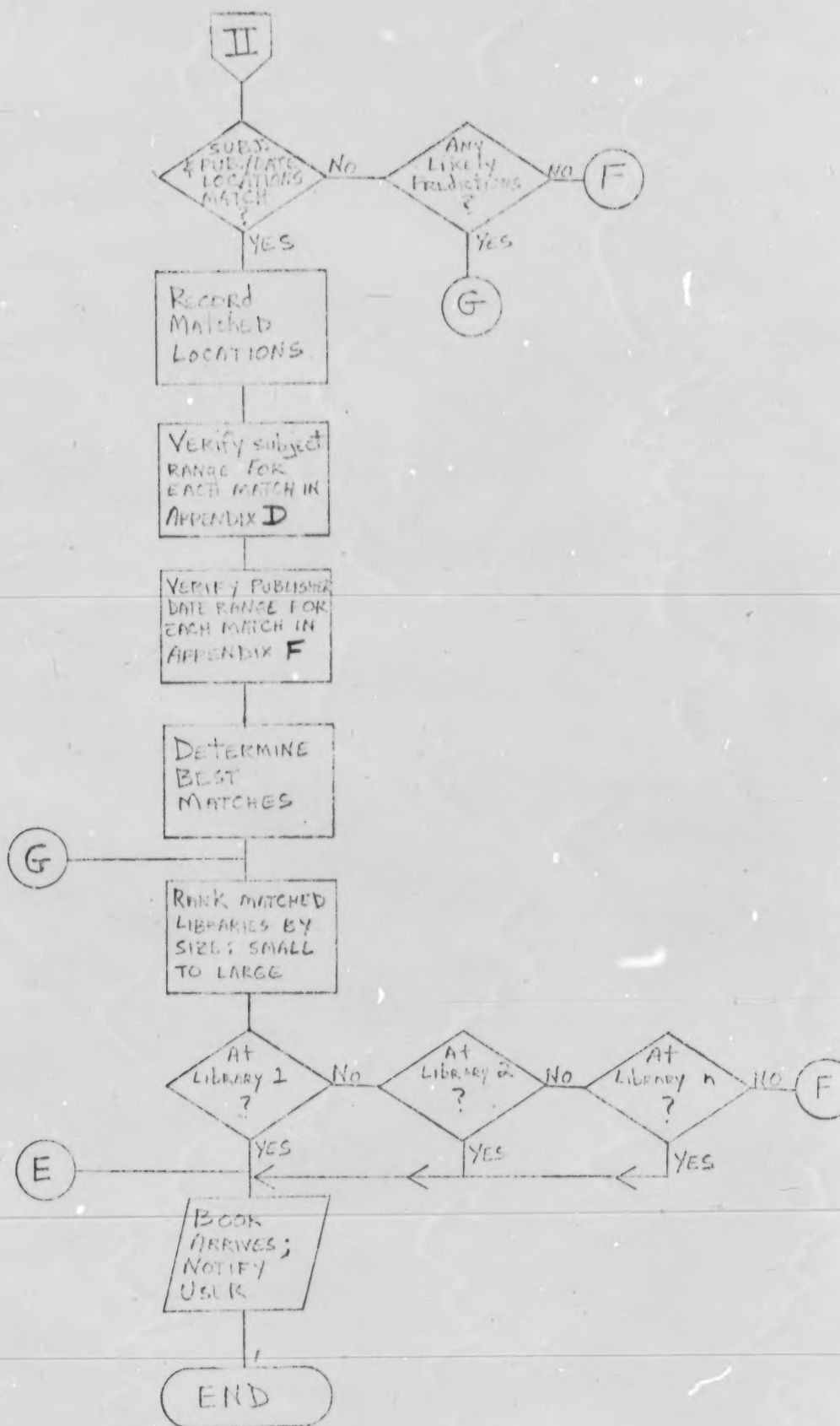


FIGURE 4 (cont.)



SECTION IX

COST ANALYSIS

Unlike most ILL studies, the primary emphasis of this section will not be concerned with determining transaction costs associated with requesting and supplying material. Instead, this section will emphasize the following:

- (a) the comparison of purchase versus transaction costs for those titles that are in-print;
- (b) user costs at both the lending and the borrowing library; and,
- (c) the increase in regional costs associated with an increase in cooperation.

Each of these areas will be treated in terms of existing patterns and the possible impact of implementing certain alternatives involving regional cooperation.

A. Comparison of purchase versus transaction costs. In some cases, it may be less costly to purchase an item rather than request it on ILL. In addition, it is possible that if an item were purchased it could reach the user sooner than the same item borrowed from another library. This latter point on transaction time versus purchase time is a moot one and is not within the scope of the present study.⁴⁴ There is justification, however, to establish a regional policy that would prohibit borrowing inexpensive items that are in-print. The importance of the need for such a policy statement is based on the following information: almost half (48.9%) of the 1305 titles requested were in-print and available at a median cost of \$7.00 a book; about one in eight of these requests (12.2%) would have cost \$2.00 or less if purchased; and, over one in four of these requests (26.5%) would have cost \$4.00 or less if purchased.

Table 14 (on next page) is a grouping of the costs of requests that were in-print (from Books in Print, 1971) at the time of the survey. Also included in this table are the percentages that each group represents and the cumulative percentages. At the bottom of the table are listed additional descriptive statistics (range, mean, standard deviation, median, and mode). Note from Table 14 that over 90% of all in-print requests cost \$16.00 or less and that one-third of all requests cost \$5.00 or less. The mean cost of these books is \$8.65 and this can be compared to the average price of U.S. hardcover trade-technical books from 1967-69 which was recorded in the 1972 Bowker Annual⁴⁵ as \$8.77. Paperback books reduce the mean figure of the survey from the national one; also, these paperbacks reduce the effect of inflation on the survey costs.

Figure 5 is a histogram which illustrates these costs from Table 10 into larger groupings. Of primary concern are those in the first group (\$.01 to \$4.00) which account for 26.5% of all in-print requests. The implications of these data are important in light of the costs associated with borrowing and lending ILL material.

Table 15 is a summary of ILL transaction costs reported in recent studies. Cossar points out that costs are lower for smaller libraries and he contrasts his findings with those of the ARL study. Also, no recent figures for public library ILL costs were available. Thus, these costs may be skewed higher than would normally be the case for the regional libraries used on this study. At any rate, the costs can still be used as a guide to distinguish general cases when it would be better to purchase an in-print monograph rather than request it on ILL. The mean of the mean borrowing costs reported by three studies (from Table 11) is \$5.60 per request.

TABLE 14

COSTS OF IN-PRINT REQUESTS
(n = 638)

<u>Costs Groups*</u>	<u>Number of Requests in print</u>	<u>% of n</u>	<u>Cumulative %</u>
\$.01 - 1.00	22	3.4	3.4
1.01 - 2.00	56	8.8	12.2
2.01 - 3.00	51	8.0	20.2
3.01 - 4.00	40	6.3	26.5
4.01 - 5.00	44	6.9	33.4
5.01 - 6.00	60	9.4	42.8
6.01 - 7.00	47	7.4	50.2
7.01 - 8.00	52	8.1	58.3
8.01 - 9.00	37	5.8	64.1
9.01 - 10.00	48	7.5	71.6
10.01 - 11.00	19	3.0	74.6
11.01 - 12.00	20	3.1	77.7
12.01 - 13.00	29	4.5	82.2
13.01 - 14.00	14	2.2	84.4
14.01 - 15.00	31	4.8	89.2
15.01 - 16.00	8	1.2	90.4
16.01 - 17.00	7	1.1	91.5
17.01 - 18.00	9	1.4	92.9
18.01 - 19.00	3	.5	93.4
19.01 - 20.00	11	1.7	95.1
20.01 - 25.00	15	2.4	97.5
25.01 - 30.00	7	1.1	98.6
30.01 - 35.00	1	.2	98.8
35.01 - 40.00	2	.3	99.1
40.01 - 45.00	2	.3	99.4
45.01 - 50.00	1	.2	99.6
50.01 - 55.00	1	.2	99.8
55.01 - 60.00	1	.2	100.0
TOTALS	638	100.0	

Range: \$58.00 (Minimum: \$.50; Maximum: \$58.50)
Mean: 8.65; Standard Deviation: 6.98
Median: 7.00
Mode: 5.95

*Group intervals are \$1.00 from \$.01 to \$20.00 and \$5.00 from \$20.01 to \$60.00. The \$5.00 interval was used to facilitate presentation of data because there were only 30 books priced over \$20.00.

Figure 5

SUMMARY COSTS OF IN-PRINT REQUESTS
(Based on n = 638)

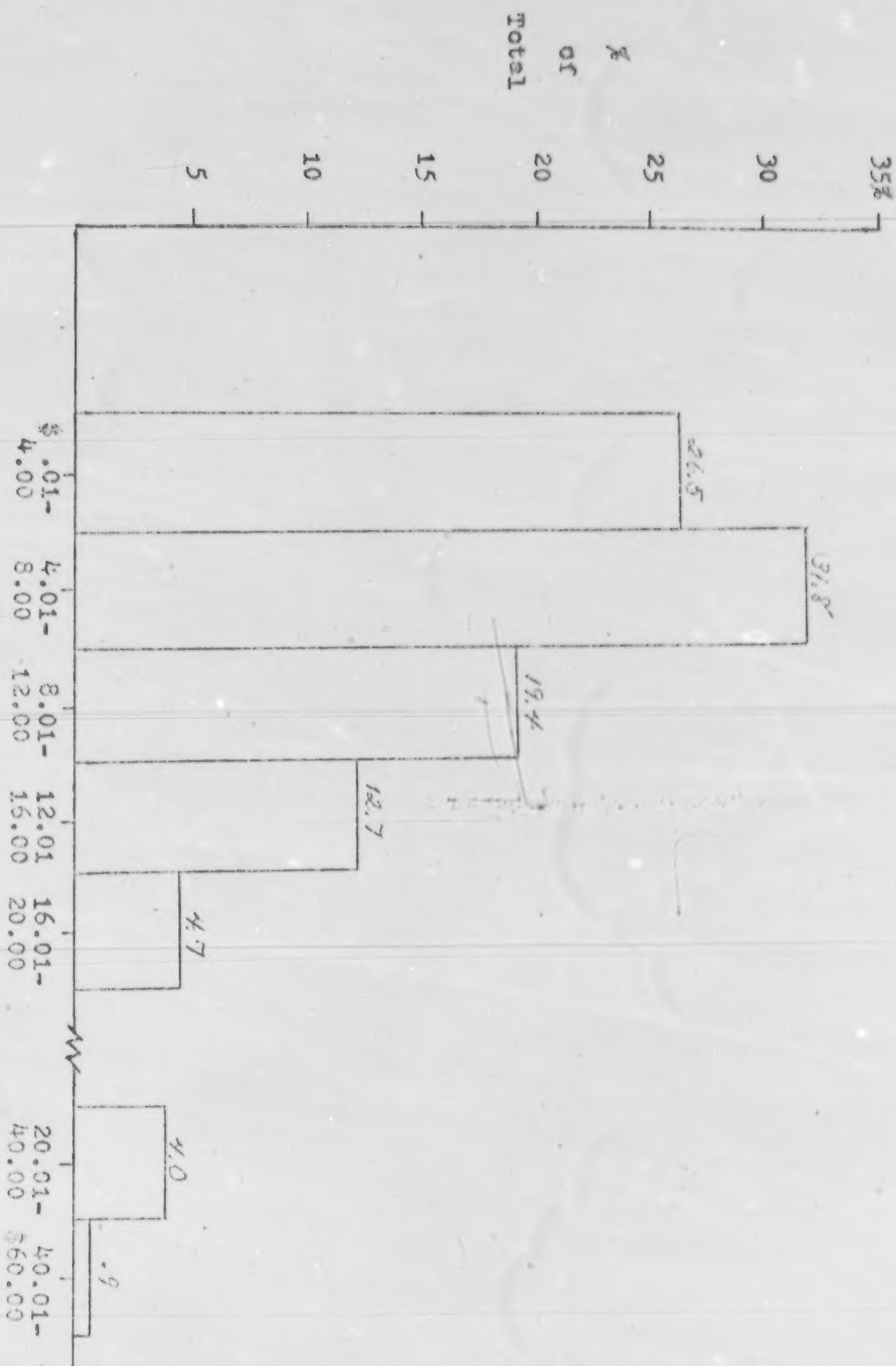


TABLE 15

ILL TRANSACTION COSTS REPORTED IN LITERATURE

(Note: Costs include photocopy charges unless noted.)

<u>ILL Study</u>	<u>Average Costs to Borrow</u>	<u>Average Costs to Lend</u>	<u>Scope</u>
Llewellyn & Allen ⁴⁶	\$4.91	\$2.62	One large academic library
ARL Study ⁴⁷	7.61*	4.67**	113 academic & 13 large academic libraries
Cossar ⁴⁸	4.28	2.14	1 medium-sized academic library
Spencer ⁴⁹	---	2.36***	1 regional medical library.
Mean Costs	<u>\$5.60</u>	<u>\$2.95</u>	

* Costs spread over all completed transactions for 113 academic libraries; thus, unit costs may be lower.

** Cost for 13 large academic libraries for an unfilled lending request averages \$2.12; lending cost for a filled request averages \$4.67.

*** Spencer's costs are for originals (not photocopies) filled.

Assuming this figure to be slightly inflated as a result of Cossar's study, a range of \$4.00 to \$5.00 will be used as a basis of comparison. If \$4.00 accurately reflects regional borrowing costs per request, then (from Table 14) it would be more cost beneficial to purchase 13.0% of the material now being requested on ILL.⁵⁰ If borrowing costs are closer to \$5.00 then over one in six monographs (16.3%) now being requested on ILL should be considered for purchase given the assumptions listed above.⁵¹

Of course, the public library systems would approach bankruptcy if they tried to purchase all ILL requests that were in-print and cost less than \$5.00 per monograph. However, given the borrowing costs associated with each ILL transaction it would be cost beneficial for them to consider purchase for many monographs now being requested more than once. In the survey, there were many instances where the public library systems were requesting the same monograph two and three times several weeks apart. It was impossible to determine if this was a resubmittal of one request or several different requests (the former was assumed and the request was only counted once.). However, if the latter is true, then it would be foolhardy to submit three ILL requests which could cost the system \$12.00 to \$15.00 if purchase of the monograph would be less than \$5.00. (In addition, a lending library is paying approximately \$2.95 to supply the monograph.) If it requires referrals, then this cost is substantially higher. Of course, predicting that a monograph would be requested twice is impossible in most cases; yet, after it is requested twice it should be regional policy that the requesting library purchase that monograph if it is in-print.⁵² Dollar thresholds can be established by the region to limit repeated borrowings of low cost in-print monographs.

B. User costs at both the lending library and the borrowing library. There are costs that are much more important to library service than those that have been directly computed and these are the user costs. Unfortunately, there are few user cost-benefit studies in the library that relate to ILL; so, the following analysis will not rely upon quantitative data.

If a library does not hold information that a user needs, then that lack of information frustrates or costs the user. Since ILL is one of the methods employed to alleviate that problem, then there should be a reduction in the frustrations (costs) assumed by the user. However, the reverse may be true in some instances. ILL may increase user frustration in three specific cases:

- (1) Time Delays;
- (2) Non-fulfillment of a user's request (which is coupled with a time delay)⁵³ and,
- (3) Costs to the potential user of the lending library who may need the monograph that has been loaned.

C. Increase in regional costs associated with an increase in cooperation.

Interlibrary cooperation costs money;⁵⁴ increases in regional cooperation will increase regional library costs. If all of the survey requests that could have been filled within the region were filled there, then the increase in regional costs would be approximately \$2,500. This would be a minimum cost⁵⁵ based on the ability of ILL libraries to predict accurately which regional library could have filled each request. Because the survey requests were sent outside the region, the total cost to non-regional libraries to support this region for two months was a minimum of \$3,850 (which is based on \$2.95 per request for 1305 requests).⁵⁶

Because current fiscal constraints are likely to continue and because large libraries are lending more than they are borrowing, it is probable that non-regional borrowing cannot continue with impunity. The ARL study states that, "during the academic years 1965-1970, the volume of interlibrary loan activities doubled and therefore is projected to triple by the end of the ten-year period."⁵⁷ Dr. David Kaser, while Director of Libraries at Cornell University, has indicated the effects of this volume.

Indeed some large libraries have estimated that they are spending in excess of \$100,000 per year on inter-library lending more than they are benefiting from it. The best-willed institution on earth cannot long afford to carry such a burden.⁵⁸

Although New York is one of two states that reimburses selected (NYSILL) libraries lending material, pressure is mounting to increase regional cooperation which correspondingly increases regional costs. Any plans for a union catalog, regional holdings list, telephone service, or any other cooperative endeavor should compare present costs to projected ones. It may be found that reliance on the State Library with referrals to NYSILL is more cost effective than cooperating at the regional level. However, this statement has widespread implications in terms of regional attitudes and resources; nevertheless, it is supported by the data. If the State were willing to provide incentives for regional cooperation that correspondingly reduces the reliance placed on the State, then these incentives could be used to offset the additional costs incurred. For example, assume that 1000 of the 1305 requests which went outside the region were sent to the State Library where they were filled or referred to a NYSILL library. Each of these 1000 requests costs the State at least \$4.67 to fill. If all could be filled, then the total cost is \$4,670.00. Since the survey represents a two-month period, an annual figure

would be approximately \$28,020.00 (\$4,670.00 times 6 assuming the decrease in summer academic ILL requests is offset by the Increase in public library ILL requests). If the region could identify 500 requests (out of 1305) that could be filled locally, then these requests would cost the region \$2,335.00 or, annually, \$14,010.00 which would be a savings to the State of the same amount. It would be naive to assume that the State should provide the region with money for doing its job; however, without a bibliographic data base (which would take the State several years to plan and implement), it seems feasible that incentive grants be provided to encourage regional cooperation. Thus, since the State directly benefits, it is recommended that regional cooperation be initially subsidized, in part, by the State.

SECTION X

MAJOR CONCLUSIONS AND RECOMMENDATIONS

From the sample data, there is ample evidence that there should be substantially more cooperation among the CENTRO member libraries. Although this study is primarily an analysis of monographic interlibrary loan transactions, the data suggests that related areas of cooperation would also improve interlibrary access to regional resources. Taken together, the following recommendations may provide for an even stronger linking of CENTRO libraries as a cooperative regional network. In all, cooperation could be greatly increased with some centralized listing of the holdings of regional libraries. Until such a holdings list is developed, ILL cooperation will suffer and requests will continue to be sent out of the region that could have been filled by a CENTRO member library. With this in mind, many of the following recommendations may be viewed as temporary or interim measures; the purpose of these recommendations is to provide a means to reduce substantially the number of ILL requests leaving the region that could be filled within it.

RECOMMENDATIONS

1. *There is evidence of a need for a union catalog or some centralized listing of holdings of CENTRO member libraries.*

Most survey requests (two thirds) that were sent outside the region could have been filled within it. This startling finding indicates two things: lack of ILL cooperation within the region and an over-reliance on libraries outside of the region. It is suggested that this is attributable to a lack of a union catalog within the region.

Presently, there are no reliable methods to determine which regional library may be able to supply a particular monograph. The implications of this are staggering. On an annual basis, there may be as many as 7800 requests leaving the region of which 5200 could have been filled within it. (Caution is urged in using these annual figures because they were derived from the survey data which may be skewed). Clearly, continuation of this practice is costly to libraries within the region and also to those outside of it who are burdened with supplying titles that are held by CENTRO members.

In support of this recommendation, some additional facts merit iteration. A major contributor to the pattern identified above is the lack of cooperation between the public library systems and the academic libraries. The public library systems originated over three out of five requests and almost four out of five of these could have been filled regionally--in most cases by more than one library. Syracuse University, by far the best regional supplier, could fill over one-third of all requests and over half of those available regionally. This is more than all other libraries combined. The next best supplier was the Mid-York Library System. However, a caveat is in order here because the data from Mid-York and Utica Public reported their ability to supply separately and this inflated their supply rate because some monographs were counted twice. Also, Mid-York requested monographs that it later claimed it could supply. The next best regional suppliers, in order, are: Colgate, Hamilton, Onondaga Library System, LeMoyne, and Utica College. Additional evidence in support of a union list of holdings is that over two-thirds of the items owned within the region will probably be found in more than one library. Such duplication is both ignored and wasted when a request is sent outside the region that several regional libraries could have supplied.

Finally, this recommendation should not be strictly construed as a need for a true union catalog. The need is more accurately reflected as a method to identify holdings. A machine readable data base, a short-title catalog, or a numerical register could satisfy a large part of this need.

The following two recommendations are closely related and stem directly from the above comments:

2. *The creation of a numerical register using the LC card order number should be immediately implemented for the CENTRO member libraries.*

3. *Based on supply patterns, Syracuse University can provide the best support for the CENTRO bibliographic center.*

Presently, the capability exists within the region to create a numerical register at minimum investment costs. The Syracuse University Libraries Information Retrieval System (formerly called LIBTEST) can be used as a solid base to generate regional holdings by LC card order number. Collection of these numbers from other regional libraries can be accomplished at little expense based on the proved success of this system in other areas (see studies by McGrath). Then, the actual physical location of the bibliographic center need not be at Syracuse University. Of course, this does not address itself to the impact of the Ohio College Library Center's system on ILL since OCLC is just getting underway at CENTRO libraries other than Syracuse University. An additional consideration of the numerical register is the heavy demand placed on ILL for current monographs with very little demand for retrospective materials. Over half of all requests were for materials published within the last ten years; the past twenty years accounted for over two-thirds of all requests.

Only 5% of the requests were for materials published before 1900. LC card orders numbers should be available for many monographs cataloged by CENTRO's academic libraries for at least the last ten years and possibly the last 20 years. Since the academic libraries, taken together, constitute the best source of supply, then if restrictions are placed on the numerical register, it should favor current material.

4. *The primary emphasis of the numerical register should be on material published in the last 20 years.*

An important aspect of ILL is the demand for in-print monographs. Although libraries are encouraged to purchase such material this is not always possible. However, restrictions should be placed on borrowing inexpensive monographs that are in-print.

5. *A regional policy should be established to prohibit borrowing in-print monographs costing less than \$4.00.*

Such a policy should be incorporated into a CENTRO regional selection policy as well as the selection policies of each member library. The reasons for this policy are compelling. The average cost to borrow material is over \$5.00 while the average cost to lend is about \$3.00. Thus, it costs at least \$8.00 to complete an ILL transaction. Yet, over half of the survey requests were in-print and one-fourth of these cost \$4.00 or less. Clearly in these cases it is more cost effective to purchase the monograph. Thus, selection policies should state that any ILL request for in-print monographs costing \$4.00 or less should be considered for purchase.

The next recommendation concerns the role of New York State in encouraging and supporting cooperative efforts among regional libraries. Each time an ILL request leaves the region, and yet could have been filled within it, someone must pay lending costs. If all requests that could have been filled regionally were so filled, then it would have cost the region a minimum of \$2,500. Only one-third of the survey requests legitimately left the region and the remaining two-thirds that could have been filled within it cost non-regional libraries a minimum of \$3,850; and, this is only for a two-month period. If all of these were sent to the State Library it probably would cost more than this minimum figure to fill or refer each request. Thus, the State would directly benefit from an increase in regional cooperation. Each cost to the region would be a saving of about twice that for the State.

6. *The State should provide incentives for the development of a numerical register within the CENTRO region.*

The next recommendation is self-explanatory.

7. *No changes should be made in the present referral patterns for foreign language materials.*

The remaining recommendations concern cooperative efforts in the area of collection development. Some of these should help improve intra-regional ILL cooperation. Of immediate concern is that ILL librarians do not have access to the selection policies of all CENTRO member libraries.

8. *Selection policies of all regional libraries should be immediately distributed to each ILL librarian.*

It is obvious that the ability to supply is a function of selection. Without knowledge of the selection policies of other regional libraries it is impossible to guess possible suppliers. The monographs available within the region had one or more of the following characteristics: popular author, author as a key individual in a field, university press publication, or published by a large of reputable publisher. For example, Syracuse University, Hamilton College, and Colgate had a large number of university press publications. It may be that each has a policy to acquire most or all publications from certain university presses. This information should be made available in selection policies that are collected by CENTRO and distributed to member ILL librarians.

The publisher patterns deserve the attention of a coordinated collection development effort. Twenty-eight larger publishers account for many of the requests that can be filled regionally. Regional holdings indicate over 90% coverage of these larger publishers. A regional selection policy could insure 100% coverage of these publishers while minimizing unnecessary duplication. There was an average of 3.7 possible suppliers for each request of a larger publisher. It also follows that if a user is willing to accept a substitute, then a monograph produced by a larger publisher should be suggested.

9. *There should be complete coverage within the CENTRO region of all monographs produced by the 28 larger publishers identified in this report. Development of a regional selection policy would insure such coverage.*

The final recommendation concerns the role of ILL within the CENTRO region. Much work has been accomplished by the Interloan Committee toward increasing ILL cooperation among the CENTRO member libraries.

The relationship between a member library and the bibliographic center has been fully described in a recently issued manual. However, relationships between and among member libraries still lack a definitive policy.

The Executive Director of CENTRO, Mr. James Turner, has made great progress by instituting standardized forms for bibliographic center use. This will improve ILL efficiency by reducing errors and it will also provide for better use of the bibliographic center. Mr. Turner has also standardized bibliographic services data which will assist in measuring the effectiveness of interlibrary cooperation throughout the region. Such data can be used for compiling profiles of ILL activity to include transaction information and user status. Hopefully, this may obviate the need for special reports such as this. However, these measures can only be effective if they have the full support of each member library. This support can be increased with a firm regional ILL policy that is supplemented with suggested procedures. Evaluation of the seven alternatives presented in this report to help alleviate the under-utilization of regional resources as well as implementation of the above recommendations requires the continuing development of regional ILL policy and procedures.

10. *It is essential that regional ILL policy and procedures be developed and implemented. Such policies should greatly improve cooperation among CENTRO member libraries and correspondingly increase service to the respective users of these libraries.*

Areas to consider for this policy statement include the following: rights of the users to ILL service; relationship of member libraries to the services of the bibliographic center; standards for reporting ILL statistics; coordination with regional collection development efforts; identification of services provided to regional borrowing libraries;

obligations of borrowing libraries; citation and verification standards; use of interlibrary telephone services; identification of reference and referral networking patterns; and, measures of effectiveness to evaluate ILL services both regionally and for individual member libraries. In addition to development of such a policy, there is a compelling need to consider a numerical register of holdings to increase regional supply of ILL requests.

FOOTNOTES

1. Interlibrary loan will also be referred to as "ILL" in this report.
2. Several analyses did not yield any consistent patterns or trends and these are not included in this report.
3. No study was found that involved publishers' information similar to that analyzed in this report.
4. Syracuse University Research Corporation. Interlibrary Loan Evaluation and Study of the Central New York 3R's Region. Syracuse, SURC, 1968, p.18.
5. As used in this report, "nil" will indicate those requests that could not be filled within the CENTRO region.
6. Mid-York and Utica Public reported their data separately; thus, it was analyzed separately. Onondaga Library System combined its data with Syracuse Public Library.
7. Syracuse University was the only library that provided such information.
8. Of the total number of items, 1305, Syracuse University's ability to supply including all NILS would be 44.8%.
9. Appendix C listing subjects and Appendix E listing publishers identifies those libraries who are sole sources for particular types of material. This is treated in more depth in the subject and publisher profiles sections of the report.
10. No pattern existed for Syracuse University to follow utilizing Colgate as sole source except for University Press Publications. However, there was a pattern for Syracuse University to use Hamilton; five of the six requests were for English or German literature published in their respective countries.
11. This occurred for Syracuse University (four times), Onondaga Library System (twice), and Upstate Medical Center (six times out of 11).
12. That is, Mid-York has 152 requests minus the 33 it can supply to itself for a net total of 119 requests.
13. Based on sample size, seven libraries were chosen and from these a reliance measure was determined. The seven with their individual reliance measures are: Syracuse University (10.2%), Onondaga Library System (14.5%), Hamilton (19.4%), Colgate (20.5%), Upstate Medical Center (21.6%), Utica College (25.9%), and Mid-York Library System (26.2%).
14. This does not include the NILS (446 items). The figure of 67.9% is based on the 584 items with multiple sources out of a total of 859 items available within the region. Research by Nelson Associates (1970) on NYSILL indicate availability of an item at more than one library to be 55% for monographs (Table 5, p.20). The figure reported here is lower (44.8%) but is still compatible with their figures. See: Richard A. Ellis, Sarah Katherine Thomson, and Janet Weiss. NIL: A Study of Unfilled Interlibrary Loan Requests in the NYSILL System. Washington, D.C. Nelson Associates, 1970, p.31. (Table 9)

FOOTNOTES

15. This figure of 44.7% was arrived at by multiplying 65.8% times 67.9%.
16. It is doubtful that any system could entirely eliminate going outside the region for material housed within it; however, this alarmingly high rate could be significantly reduced.
17. This is based on the work of William McGrath.
18. This was S.I. Hayakawa's Language in Thought and Action.
19. Because of the time that has passed between collection of data and preparation of this report, this situation is probably different today due to personnel changes, modification of procedures, and new cooperative endeavors sponsored by CENTRO. In addition, membership in other library and information networks (e.g. by Upstate Medical Center) may account for a lack of dependence on regional resources.
20. Richard A. Ellis, Sarah Katherine Thomson, and Janet Weiss.
NIL: A Study of Unfilled Interlibrary Loan Requests in the NYSILL System. Washington, D.C., Nelson Associates, 1970, p.31.
21. The 28.6% nil rate refers to "the requests not filled by the sample libraries based on single attempts. The item wanted may have been located in another library and the percent of total interlibrary loans filled overall is higher than that indicated in this study." A Study of the Characteristics, Costs, and Magnitude of Interlibrary Loans in Academic Libraries, compiled by Vernon E. Palmour, Edward C. Bryant, Nancy W. Caldwell, and Lucy M. Gray. Washington, D.C. Association of Research Libraries, (Westport, Conn., Greenwood), 1972, p.43.
22. Sarah Katharine Thomson. Interlibrary Loan Involving Academic Libraries. Chicago, American Library Association (ACRL Monograph 32), 1970, p.71.
23. It was not surprising that there were only 28 requests (2.2%) for material published in the sample's cut-off year, 1971. This could be due to ALA's ILL code which prohibits loaning in-print monographs. Also, Upstate Medical Center accounted for most (57.1%) of the 1971 requests.
24. See Peter Stangl and Frederick G. Kilgour's "Analysis of Recorded Book and Journal Use in the Yale Medical Library; Part 1: Date and Subject Relations." Bulletin of the Medical Library Association 55: 290-300, July 1967. Also, see Helen Kovac's "Analysis of One Year's Circulation at the Downstate Medical Center," Bulletin of the Medical Library Association 54:42-7, January, 1966.

FOOTNOTES

25. Thomson, op.cit., p.32.
26. There is, however, good reason to make such an assumption if the data came from a number of large research libraries. There might be a moderate correlation between the number of titles held by such libraries and the number of titles published over a period of years.
27. This recommendation is only in regard to a regional holdings list beginning with material published within the last ten years. It does not include a complete, comprehensive union catalog.
28. Thomson, op. cit. Note 24, p.31.
29. Op. cit., Note 23, p.39-42. The poorest fill rate is for unidentified foreign language publications (11.6% filled). The next poorest fill rate is for Russian language publications (46.5% filled). The fill rates for the following languages are: German (73.1%), French (72.9%), Spanish (56.3%), Italian (66.9%), Other (68.0%). The English fill rate is 72.2%.
30. Admittedly, this last conclusion is, at best, a weak recommendation. Syracuse University is the major foreign language supplier for the area; they also initiate the most foreign language requests. Thus, it is unlikely that they would initiate requests they could supply. So, because most of the foreign language ILL material is centered on one institution, little variance would be expected. Of course, it is unknown how many requests were supplied regionally during the survey period. At any rate, the present procedures appear satisfactory and it would be unrealistic to expect a substantial increase in the 17.0% fill rate regardless of new methods (short of a complete union catalog).
31. There were numerous citation problems (roughly over 20% of the total). Some of these were due to transcribing request cards into check-list format. Others were due to handwriting that could not be interpreted. Others were blatant errors. From the Nelson and Thomson studies, such citation problems could have been predicted. Thomson devotes a chapter to specific actions that can be taken to minimize such errors.
32. New York State Interlibrary Loan Network: NYSILL Manual. Albany, The University of the State of New York, The State Education Department, Division of Library Development, revised May, 1970, p.18-21.
33. These nine were fiction whose subjects could not be neatly and accurately categorized; therefore, they were simply grouped as fiction and kept separate from the literature categories. However, they were grouped with literature in Table 11.

FOOTNOTES

34. There is some confusion on NYSILL's use of Dewey numbers for post-hoc studies. For example, a study of Phase IV reported in Bookmark lists fill rates for certain Dewey groups but does not indicate what percent each group comprised of the total. The Nelson reports vary in their use of subject categories. A 1968 report gives percentages of twelve general subjects derived from a case base of 9,705 subject requests. In addition, a 1969 Nelson Associates report uses a subject approach (called "Nelson") which is based on occupational fields. It will not be used for comparison here because the "Subjects Unknown" category comprised the largest percent of all requests (13.1% or 313 requests out of a total of 2,398 requests). Also, its use was not to develop a subject profile but to determine correlations between subjects requested and patron status. Lastly, a 1970 Nelson Associates report of unfilled ILL requests lists 140 requests grouped into 14 general subject categories. This cannot be used for comparison because of the nature of the requests (NILS) as well as the small subsample sizes in several of the categories. In reference to the reports, see:
 - (a) Jane G. Rollins. "NYSILL vs. Austerity, The New York State Interlibrary Loan Program, A Study of Phase V-1971-1972." The Bookmark 32: 35-9, November-December 1972.
 - (b) Nelson Associates. An Evaluation of the New York State Library's NYSILL Pilot Program. New York, Nelson Associates, March 1968, p.18.
 - (c) Nelson Associates. Interlibrary Loan in New York State. New York, Nelson Associates, February 1969, p.82.
 - (d) Richard A. Ellis, et al, op.cit., Note 15, p.12-13.
35. The data used from the Nelson Associates report (1968) were from a summary analysis of subjects for 9,705 requests. The subjects from this survey were grouped using the same categories. See Nelson, Op.cit. Note 54, March 1968, p.18 (Table 2.5).
36. A "larger" publishing house was operationally defined as one which accounted for at least seven requests. This was done because an inspection of the data indicated that seven requests or more not only identified a more prolific publisher but also was a measure of supply.
37. That is, 859 requests could have been supplied regionally and 306 of these were (335 requests minus 29 NILS) from one of the 28 larger publishers.
38. "Smaller" publisher was operationally defined as one which accounted for two to six requests.
39. This might also help two regional libraries in guarding their collections. An interesting pattern developed when analyzing the data: if Upstate Medical Center requested a title because their copy was missing then with few exceptions the copies of the same title at Syracuse University and LeMoyne College were also missing.

FOOTNOTES

40. This would be quite simple to do and it would increase ILL performance tremendously. The appropriate sections of PTLA could be reproduced annually on a checklist and sent to all regional libraries who would indicate with a code the titles they own. Then, this checklist can be used as a guide to fill gaps and identify regional duplication. Also, when used by ILL librarians, it will--over time--improve regional cooperation. Of course, this is no more than a stop-gap measure in lieu of a union catalog or regional holdings list.
41. The present CENTRO Bibliographic Center at Hamilton should find that their highest fill rates would be for these three types of publications.
42. There is precedent in using a research library as the site for a 3-R bibliographic center. The South Central Research Library Council's Bibliographic and Reference Center is located at Cornell University. It serves a 14 county area and does not rely on Cornell except through NYSILL.
43. Venn diagrams combined with flow charts provide the substance of the model. More advanced set theory or Boolean algebra will not be used. Only the "and" operator will be emphasized. No special use of probability theory will be used because the model is not intended to provide accurate, predictive relationships in all cases. Instead, the model is merely offered as a cost-effective guide to assist ILL librarians.
44. Kipp found that it takes an average of 12.6 days to complete an independent transaction and 13.4 days to complete a NYSILL transaction. Given internal verification and processing time this could amount to a period of time that equals or exceeds acquisitions and processing time (assuming full cataloging could be done after the book is returned). However, there is variance in the amount of time taken by different libraries to acquire materials. Even if it is in-print, a jobber may be out of stock which would cause delays far beyond the time required to request and receive the book on ILL. Dougherty and Maier found using a cooperative processing center that the mean time for five academic libraries to receive books from the time the order request was received was about 98 days which would be far greater than the time needed for an ILL transaction according to Kipp's study. In addition, if the cost of the publication is high (i.e., above the mean cost of those in-print) then it would not be feasible to purchase it if it were material not within the scope of the library's selection policy. See Michael F. Kipp, Interloan activity in Central New York: Analysis of a Sample. Canastota, New York, Central New York Reference and Resources Council (Occasional Publication Number One), n.d., p.12-14. Also see Richard M. Dougherty and Joan M. Maier, Centralized Processing for Academic Libraries. Metuchen, N.J., Scarecrow, 1971, p.20 (Figure 2.1, Phases I-II data).

FOOTNOTES

45. *The Bowker Annual of Library and Book Trade Information*, 1972. 17th ed. New York, Bowker, 1972, p.185.
46. Gene M. Llewellyn and Kenneth S. Allen. "Interlibrary Loan Costing". *Pacific Northwest Library Association Quarterly*, 35:9-15, July 1971.
47. *A Study of the Characteristics, Costs, and Magnitude of Interlibrary Loans in Academic Libraries*, *op. cit.* Note 23 p.22-23.
48. Bruce Cossar. "Interlibrary Loan Costs." *RQ* 12:243-246, Spring 1973.
49. Carol C. Spencer. "Random Time Sampling With Self-observation for Library Cost Studies: Unit Costs of Interlibrary Loans and Photocopies at a Regional Medical Library". *Journal of the American Society for Information Science* 22:153-160, May 1971.
50. The figure of 13.0% was arrived at by taking the percent of books in-print (48.9%) multiplied by the percent costing \$4.00 or less (26.5%).
51. The figure of 16.3% was arrived at by taking the percent of books in-print (48.9%) multiplied by the percent costing \$5.00 or less (33.4%).
52. It is realized that ALA ILL Code discourages requesting certain in-print monographs. Most of the studies cited in this report list numerous violations of the Code in this respect and the survey data presented here attests to the magnitude of such violations in this region. The Code states that "libraries should not ordinarily ask, however, to borrow... U.S. books in print of moderate cost." Yet, Thomson found that a subsample of her data showed 8.3% of requests to be books in print costing less than \$10.00. She also found that only 7 requests out of 5,895 requests were refused by libraries for violation of this section of the Code. Moreover, if Thomson's \$10.00 figure were used as "moderate cost" then the region could expect to purchase 71.6% of its requests that are in print (or 35% of all requests). For the Code, see "National Interlibrary Loan Code 1968" *RQ* 8:42-45, Fall 1968. For Thomson's findings, see Sarah Katherine Thomson, *op. cit.* Note 24, p.30.
53. Thomson (*op. cit.* Note 24, p.64) found 2,138 requests out of 5,895 or 36.3% were not filled by the lending library. The ARL study (*op. cit.* Note 23 p.39) found that 28.6% of requests are not filled. Both of these may be significantly lower: it is unclear if Thomson's figure included referrals; the ARL figures did not include referrals. Thomson also cites a 1965 ARL survey (*op. cit.* Note 24, p.1.) on the availability of research library materials. The 35 libraries surveyed reported they could not fill 39% of the requests sent them.

FOOTNOTES

54. For an explication of the funding responsibilities of libraries to continue cooperative projects whose initial support was provided by external sources, see Richard M. Dougherty's "The Paradoxes of Library Cooperation!" Library Journal 97: 1767-1770, May 15, 1972.
55. The \$2,500.00 was computed by multiplying the 859 requests available within the region (Table 2) by the mean cost to lend an ILL item, \$2.95 (Table 11). Not included would be any costs associated with a regional holdings list, union catalog, or any other method to predict likely locations of requests.
56. If all 1305 requests were filled by research libraries then the ARL study figures can be used to determine the support given the libraries in this region for a two month period. That is, \$4.67 times 1305 requests equals \$6094.35. Of course, it is unknown how many of these requests were actually filled.
57. Op. cit., Note 23, p.50.
58. David Kaser. "Whither Interlibrary Loan?" College and Research Libraries 33: 398-402, September 1972. See also the reimbursement idea advocated by Robert Ake in reaction to Dougherty's article on cooperation (note 42). Robert S. Ake. "Reimburse the Differences." Library Journal 97: 1775, May 15, 1972.

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APPENDIX A

LIBRARIES PARTICIPATING IN ILL SURVEY

- A. New York State counties within CENTRO region: Onondaga, Madison, Oneida, and Herkimer.
- B. Libraries requesting ILL monographs outside of region:

<u>LIBRARY NAME</u>	<u>TYPE OF LIBRARY</u>
1. Mid-York Library System	Public Library System
2. Onondaga Library System	Public Library System
3. Syracuse University	Academic (ARL)
4. Hamilton College	Academic (4 year college)
5. Upstate Medical Center	Special
6. Colgate University	Academic (4 year college)
7. Utica College	Academic (4 year college)
8. Syracuse University Research Corp.	Special
9. LeMoyne College	Academic (4 year college)
10. Herkimer County Community College	Academic (Community College)
11. Mohawk Valley Community College	Academic (Community College)
12. Agway Corporation	Special
13. U.S. Veterans Administration Hospital	Special

- C. Regional libraries who checked holdings to determine if they could fill ILL's from requesting libraries :

<u>LIBRARY NAME</u>	<u>TYPE OF LIBRARY</u>
1-13 (all of the libraries listed in A. above)	
14. SUNY Morrisville	Academic (2 year college)
15. Utica Public Library	Public Library

<u>LIBRARY NAME</u>	<u>TYPE OF LIBRARY</u>
16. Cazenovia College	Academic (junior college)
17. Maria Regina College	Academic (junior college)
18. SUNY College of Forestry & Environmental Sciences (Syracuse)	Academic
19. St. Joseph's Hospital	Special (nursing)
20. Crouse-Irving Memorial Hospital	Special (nursing)
21. American Foundation for Management Research	Special
22. Rome Air Development Center	Special
23. Carrier Corporation	Special
24. ERIC Clearinghouse	Special (adult education)
25. ECCO	Special

APPENDIX B

Requests by Date of Publication

This appendix is a list of the number of requests, their percentages based on a total of 1244 requests, and their cumulative percentages (the simple addition of the percentages from 1971 to 1601). Not included were 61 requests which had no dates.

This appendix is intended to be used for planning (e.g. union lists) to determine ILL activity by the type of material being requested within the region. For example, to determine the amount of 20th Century material being requested, simply locate the cumulative percentage for the closest date (1901) which indicates that 95.1% of ILL monograph requests were for material published in this century. Another use of this appendix would be to obtain an approximation of the number of requests for a given year; that is, if you wanted to know the number of requests for ILL items published in 1953, it could easily be looked up on the chart (1.5%). Finally, if you wanted to determine the number of 19th Century monographs being requested on ILL, subtract the next highest date's cumulative percentage (1901: 95.1%) from 100.0% which then tells you that 4.9% of ILL requests are for 19th Century monographs.

Note that each year from 1901-1971 is listed but that blocks of years are given prior to 1901. This was done to clarify the presentation of the data since there were 62 requests spread over a period of 294 years; furthermore, it was felt that very little meaningful data was lost in doing this.

ILL REQUESTS BY PUBLICATION DATE

(n = 1244)*

<u>Publication Date</u>	<u>Number of Requests</u>	<u>% of Total</u>	<u>Cumulative % 1971-1606</u>
1971	28	2.2	2.2
1970	93	7.5	9.7
1969	100	8.0	17.7
1968	79	6.4	24.1
1967	73	5.9	30.0
1966	71	5.7	35.7
1965	37	3.0	38.7
1964	51	4.1	42.8
1963	43	3.5	46.3
1962	35	2.8	49.1
1961	37	3.0	52.1
1960	34	2.7	54.8
1959	38	3.1	57.9
1958	31	2.5	60.4
1957	21	1.7	62.1
1956	29	2.3	64.4
1955	24	1.9	66.3
1954	23	1.8	68.1
1953	19	1.5	69.6
1952	14	1.1	70.7
1951	16	1.3	72.0
1950	13	1.0	73.0
1949	9	.7	73.7
1948	15	1.2	74.9
1947	11	.9	75.8
1946	7	.6	76.4
1945	7	.6	77.0
1944	3	.2	77.2
1943	8	.6	77.8
1942	2	.2	78.0
1941	6	.5	78.5
1940	6	.5	79.0
1939	7	.6	79.6
1938	12	1.0	80.6
1937	9	.7	81.3
1936	12	1.0	82.3

*Those with no dates (61 requests) are not included in this list.

<u>Publication Date</u>	<u>Number of Reprints</u>	<u>% of Total</u>	<u>Cumulative % 1971-1606</u>
1935	6	.5	82.8
1934	7	.6	83.4
1933	5	.4	83.8
1932	5	.4	84.2
1931	5	.4	84.6
1930	9	.7	85.3
1929	6	.5	85.8
1928	5	.4	86.2
1927	3	.2	86.4
1926	9	.7	87.1
1925	2	.2	87.3
1924	6	.5	87.8
1923	4	.3	88.1
1922	5	.4	88.5
1921	3	.2	88.7
1920	1	.1	88.8
1919	6	.5	89.3
1918	3	.2	89.5
1917	2	.2	89.7
1916	1	.1	89.8
1915	4	.3	90.1
1914	2	.2	90.3
1913	2	.2	90.5
1912	8	.6	91.1
1911	5	.4	91.5
1910	2	.2	91.7
1909	5	.4	92.1
1908	4	.3	92.4
1907	8	.6	93.0
1906	5	.4	93.4
1905	7	.6	94.0
1904	3	.2	94.2
1903	5	.4	94.6
1902	1	.1	94.7
1901	5	.4	95.1
1891-1900	18	1.4	96.5
1881-1890	15	1.2	97.7
1871-1880	5	.4	98.1
1861-1870	6	.5	98.6
1851-1860	5	.4	99.0
1800-1850	9	.7	99.7
1606-1799	4	.3	100.0
TOTALS 1244		100.0	

APPENDIX CSUBJECT HEADINGSWITH LIBRARIES ABLE TO SUPPLY EACH SUBJECT.

This appendix is a list of subject headings in one alphabet with each subject heading following abbreviated location symbols of regional libraries able to supply that subject. If no regional library could supply the subject, then "NIL" is listed in the location column. This appendix is intended to be used as input to the search strategy model; it could also be used to determine subjects that can be supplied by many libraries (multiple source) and those that can only be supplied by one library. A rearrangement of this data by library is found in Appendix D.

SUBJECT HEADINGLOCATION

ABORTION

St. J., UMC, SUNY UD, SUNY AG,
COL, UP, SP, SU, HAM, UC, HER

ABRAHAM, BARBARA, 1954-1955

NIL

ACRASIALES

SUNY UD, SUNY F, MV, LeM, SU

ACUPUNCTURE

NIL

ADOLESCENCE

MY, UP, SP, MV, LeM, HER

ADOLESCENCE--ADDRESSES, ESSAYS, LECTURES

MY

ADOPTION

COL, UMC, SU

AERODYNAMICS

NIL

AEROPLANES-DESIGN AND CONSTRUCTION

NIL

AESTHETICS-ADDRESSES, ESSAYS, LECTURES

MR, SP

AFRICA, NORTH-HIST-TO 647

NIL

AFRICA, SUB-SAHARAN-ECON, COND

COL, SU

AFRICA, WEST-DESCR. & TRAV

NIL

AFRICAN METHODIST EPISCOPAL CHURCH-HIST

COL, SU

AGED-ADDRESSES, ESSAYS, LECTURES

UMC, SU

AGED-RECREATION

SU

AGRICULTURE-MEXICO

COL, LeM, HAM, SU

ALBIGENSES

NIL

<u>SUBJECT HEADING</u>	<u>LOCATION</u>
ALCHEMY	MY, COL, CAZ, SU
ALDHELM, SAINT, bp. OF SHERBORNE, 640?-709	NIL
ALGERIA-ANTIG	NIL
AMERICAN DRAMA-20th CENT	MY, UP, CAZ, LeM, SU
AMERICAN FICTION-HIST & CRIT	MR, SP, SU, HERK
ANATOMY, HUMAN	NIL
ANGLO-SAXON POETRY	LeM, HAM, SU
ANGLO-SAXON LANGUAGE-GRAMMAR	NIL
I. ANNE, QUEEN OF GREAT BRITAIN, 1665-1714	NIL
ANTHONY, SUSAN BROWNELL, 1820-1906	COL, UP, SU
ANTHROPOLOGY	LeM
ANTHROPOLOGY	MR, MY, SUNY AG, COL, MV, LeM, HAM, SU, UC, HERK
ANTHROPOLGY-METHODOLOGY	SU
ANTIBIOTICS	SU
APHRODISIACS	NIL
APPLICATIONS FOR POSITIONS	COL, UP, SP, MV, LeM, SU, UC
APPERCEPTION	MR, COL, CAZ, SP, MV, SU, UC
ARABIC LANGUAGE-DIALECTS-EGYPT	MY
ARABS IN ISRAEL	COL, HAM, SU

SUBJECT HEADINGSLOCATION

ARCHAEOLOGY-CONGRESSES

NIL

ARCHEOLOGY-METHODOLOGY

HAM, SU

ARCHEOLOGY-METHODOLOGY

MY

ARCHITECTURE, COLONIAL

SU

ARCHITECTURE-ROME (ANC)

NIL

ARCHITECTURE-STUDY AND TEACHING-U.S.

NIL

ARCHITECTURE-U.S.

HAM, SU

ARCTIC REGIONS

OLS

ARRAT, MT.

NIL

ARREST-U.S.

NIL

ARTS, THE

MY, SUNY UD, SUNY AG, COL, SU

ART

COL

ART, FRANCE-HISTORY

NIL

ART INDUSTRIES AND TRADE-INDIA HIST

COL, SU

ART-PHILOSOPHY

NIL

ART AND STATE

MY, COL, SP, HAM

ARTHRITIS

CROUSE, UMC, UC

ARTHUR, KING

NIL

ARTIFICIAL INTELLIGENCE-ADDRESSES, ESSAYS,
LECTURES

NIL

SUBJECT HEADINGSLOCATIONS

ARTISTS-CORRESPONDENCE, REMINISCENCES ETC.

NIL

ASHANTIS

NIL

ASIA-DESCR. & TRAV.

HAM, SU

ASIA-DESCR. & TRAV.-GUIDEBOOKS

NIL

ASTRAL PROJECTION

MY

ASTOLOGY

MY

ATTITUDE (PSYCHOLOGY)

NIL

AUGUSTINUS, UARELIUS, SAINT, BP. OF HIPPO

NIL

AUTHORITY

NIL

AUTOMOBILES-IGNITION

NIL

AZTECS

MY, SUNY AG, COL, UP, SU, HER

AZTECS

MY, COL, SP, LeM, SU, UC

AZBE, ANTON, 1862-1905

NIL

BACON, FRANCIS, VISCOUNT ST. ALBANS, 1561-1626

SU

BAHAMAS-DESCRIPTION & TRAVEL-VIEWS

SP

BARBED WIRE-COLLECTORS & COLLECTING

MY

BARCELONA-POPULATION

NIL

BAROJA Y NESSI, PIO, 1872

NIL

SUBJECT HEADINGSLOCATIONS

BASSET-HOUNDS

NIL

BASIC ENGLISH

SUNY AG, SP, HAM

BATIK

NIL

BEATITUDES-STORIES

SUNY UD

BEETHOVEN, LUDWIG, 1770-1827

SUNY UD, COL, SP, LeM, HAM, SU

BIBLE

SP, LeM, SU

BIBLE - INSPIRATION

COL, SU

BIBLE, N.T. MARK-CRITICISM, INTERPRETATION, ETC.

SU

BIBLIOGRAPHY

COL, SU

BIBLIOGRAPHY

NIL

BIBLIOGRAPHY-BIBLIOGRAPHY

SU

BILLY THE KID

NIL

BIOLOGICAL CHEMISTRY

UP, CAZ, AGWAY, UMC, USVAH, LeM, SU

BIOGRAPHY-JUVENILE LITERATURE

MY, UP

BIOMEDICAL ENGINEERING-CONGRESSES

HAM

BIRDS-AUSTRALIA

UC

BIRDS-MEXICO

SUNY UD

BIRDS-SONORA, MEXICO

MY, SU

BLOOD

SU

SUBJECT HEADINGLOCATION

BLOOD-CIRCULATION, ARTIFICIAL

NIL

BOOKS-HIST

MY, COL, UP, SU

BOOKS AND READING

SU

BOTANY

MY, SUNY F, COL, MV, SU

BOTANY, ECONOMIC-DICTIONARIES

NIL

BRAIN

UMC

BRAIN-SURGERY

UMC

BREMOND, HENRI, 1865-1933

NIL

BROOK FARM

MY, COL, UP, SP, HAM, SU, UC

BRONTE FAMILY

NIL

BRONTE FAMILY

SU

BROWNING, ROBERT, 1812-1889

MY, HAM, SU

BROWNING, ROBERT

NIL

BRUNO, GIORGANO, 1548-1600

COL, LeM, SU

BUDGET IN BUSINESS

MY, LeM,

BUTLER, RICHARD AUSTEN, 1902-

SUNY UD, SUNY AG, COL, UP, LeM

CAGE-BIRDS

MY, UP

CAGE-BIRDS-DISEASES

MY

CAKE DECORATING

NIL

SUBJECT HEADINGSLOCATION

CAMERAS

MY, SUNY AG, COL, UP, AGWAY,
SP, MV, LeM, SU

CAMPECHE, MEXICO (STATE) -HIST

NIL

CAMPING

NIL

CANADA-ECONOMIC POLICY

NIL

CANALS-NEW YORK (STATE)

MY, SUNY AG, COL, UP

CAPITAL

AMER FOUND, SP, MV, SU UC

CARDIOVASCULAR SYSTEM

STJ, UMC, USVAH

CARPENTERS SQUARE

NIL

CASCADE RANGE

COL, SU

CATHOLIC CHURCH

LeM

CEMETERIES-THE WEST

NIL

CERVANTES SAVEDRA, MIGUEL DE- BIBL

NIL

CERVANTES SAVEDRA, MIGUEL DE- 1547-1616

NIL

CHEMISTS

MY, SUNY AG, COL, UP, CAZ,
SP, MV, LeM, HAM, UC

CHEMICAL BONDS

HAM, MR, ROME, SUNY AG, CARRIER,
UMC, LeM

CHESS-MIDDLE GAMES

MY, UP

CHEYENNE INDIANS

SUNY AG, UP, SP, LeM, SU

CHICAGO YOUTH DEVELOPMENT PROJECT

SP

SUBJECT HEADINGSLOCATION

CHILDBIRTH

SUNY, AG, UMC

CHILDBIRTH-PSYCHOLOGY

CROUSE, St.J, MY, UMC

CHILD PSYCHIATRY

MY, UP, MV, UMC, SU

CHILD PSYCHIATRY

COL, UMC, UC

CHILD STUDY

CAZ, SU

CHILD STUDY

NIL

CHILD STUDY

SP

CHILD STUDY

NIL

CHILDREN, ABNORMAL AND BACKWARD

UMC, SU

CHILDREN, ADOPTED-CASE STUDIES

MY, UP, SU

CHILDREN-GROWTH

MV, UMC, SU

CHILDREN-LANGUAGE

MY, UP, CAZ, SP, HAM, SU

CHILDREN-MANAGEMENT

SP, LeM

CHILDRENS ART

MY, SU

CHILDRENS LITERATURE-HIST & CRIT

NIL

CHILDRENS LITERATURE-HIST & CRIT

SU

CHILDRENS LITERATURE-BIBL

MV, HAM

CHILDRENS LITERATURE-HIST & CRIT

UP

SUBJECT HEADINGSLOCATION

CHINA PAINTING

NIL

CHINA PAINTING

SP

CHRISTIAN LIFE

MY, COL, LeM, HAM

CHRISTIAN LIFE-METHODIST AUTHORS

NIL

CHURCH HISTORY & SOURCES

MY, COL, UP, CAZ, LeM, HAM,
SU, UC, HER

CHURCH AND RACE PROBLEMS-U.S.

NIL

CINCINNATI, BASEBALL CLUB (NATIONAL LEAGUE)

MY, SUNY AG, COL, SP

CITIES AND TOWNS

COL, SU, UC

CITIES AND TOWNS-MATHEMATICAL MODELS

AMER FOUND, SUNY FOR, COL, UC

CIVILIZATION, GREEK

COL, MV, SU, HER

CIVILIZATION, MEDIEVAL-ADDRESSES,
ESSAYS AND LECTURES

NIL

CIVILIZATION, MINOAN

MY, SU

CLASSROOM MANAGEMENT

SUNY UD

CLOCKS AND WATCHES-HIST

MY, UP

CLOISONNE

SP

COACHING (ATHLETICS)

NIL

COACHING (ATHLETICS)

NIL

COLLECTIVE EDUCATION

HAM

COLLEGE STUDENTS-CONDUCT OF LIFE

MY

SUBJECT HEADINGSLOCATION

COMMERCIAL LAW-U.S.

MV, SU

COMMUNICABLE DISEASES

MY, UMC

COMMUNISM

NIL

COMMUNICATION IN MANAGEMENT

NIL

COMMUNISM

SUNY AG, COL, LeM, HAM, SU

COMMUNISM-HUNGARY

NIL

COMPARATIVE GOVERNMENT

COL, CAZ, LeM, UC

COMPLETE DENTURES-ATLASES

NIL

CONDUCT OF LIFE

SP

CONFEDERATE STATES OF AMERICA - ARMY, CAVALRY

NIL

CONFEDERATE STATES OF AMERICA-ARMY, CAVALRY

NIL

CONFEDERATE STATES OF AMERICA-HISTORY

SUNY AG, COL, UP, SP, SU, UC

CONFESSION-HIST

COL, SU

CONGO (LEOPOLDVILLE)HIST 1900

SUNY AG, SU

CONRAD, JOSEPH, 1857-1924

SP, SU

CONSERVATIVE JUDAISM-ADDRESSES, ESSAYS, LECTURES

NIL

CONSERVATIVE JUDAISM-HIST

NIL

CONTINENTAL SHELF

COL, HAM, SU

CONTROL (PSYCHOLOGY)

MR, HAM, UC

SUBJECT HEADINGSLOCATION

COOKERY, AMERICAN

NIL

COOKERY, AMERICAN

MY, SUNY AG, UP, SP

COOKERY FOR THE SICK

USVAH

COPPER-TOXICOLOGY

NIL

COPYRIGHT-U.S.

SU

CORPORATIONS-U.S.- FINANCE

NIL

CORRELATION (STATISTICS)

LeM, SU

COSTUME

SP, HAM

COSTUME-HISTORY

MY

COWPENS, BATTLE OF, 1781

MY, SUNY AG, SP

COXSACKIE, NY-HIST

NIL

CREMATION

MY, SP

CRIME AND CRIMINALS-U.S.

St. J, MY, UP

CRIMINAL LAW-COLOMBIA

SU

CROMWELL, OLIVER, 1599-1658

SU

CROSSBOW

NIL

CROW INDIANS

MY, COL, UP, HAM, SU, UC

CRUELTY TO CHILDREN -U.S.

MY, SP, SU, UC

CRYPTOGRAPHY

MY, COL, SP, MV, LeM, SU

SUBJECT HEADINGSLOCATION

CUTHBERT, SAINT, d. 687 - RELICS

NIL

CYTOLOGY - COLLECTED WORKS

SUNY F, CAZ, UMC, SU, UC

CZECHOSLOVAK REPUBLIC -DESCR & TRAV

UP

DAKOTA-HIST

NIL

DANA, CHARLES ANDERSON, 1819-1897

COL

DANA, CHARLES ANDERSON, 1819-1897

MY, SP, SU

DANCING

NIL

DANCING - CHILDRENS DANCES

MY, SUNY UD, UP

DATING (SOCIAL CUSTOMS)

SP

DAVID, JACQUES LOUIS, 1748-1825 PAINTING, FRENCH -
HIST

LeM

DEAF-MEANS OF COMMUNICATION

MY, COL, UP

DEATH

NIL

DEATH-ADDRESSES, ESSAYS, LECTURES

St. J, MY, SUNY AG, SU

DEATH

CROUSE, MY, COL, SUNY UD, SUNY AG,
COL, UP, SP, MV, UMC, SU

DEBTS, PUBLIC

SUNY AG, LeM, SU

DENMARK-HIST TO 1241

MY, SUNY AG, UP, SU

DEVOTIONAL EXERCISES

MY

DEVELOPMENTAL NEUROLOGY

MY, SUNY UD, MV, UMC, LeM, SU

DIALOGUES

NIL

SUBJECT HEADINGSLOCATION

DIALOGUES	MY, UP, CAZ
DOLLS-COLLECTORS AND COLLECTING	MY, SUNY AG, UP, SP
DRAMA-COLLECTIONS	MV
DUBLIN-HIST	NIL
DUNDEE, SCOTLAND-DESCR	NIL
DURKHEIM, EMILE, 1858-1917	SUNY AG, LeM, HAM
EARLY, JUBAL ANDERSON, 1816-1894	NIL
EAST AND WEST	NIL
ECOLOGY-ADDRESSES, ESSAYS, LECTURES	SUNY AG, SUNY F, CAZ, MV, HAM SU, UC, HERK
ECOLOGY	MR, SUNY UD, SUNY AG, SUNY F, CAZ, MV, UMC, SU
ECONOMIC HISTORY - 20th CENT.	UP, HAM
EDUCATION-AFRICA	NIL
EDUCATION-AFRICA, BRITISH WEST-HIST	NIL
EDUCATION-AFRICA, FRENCH WEST	NIL
EDUCATION-AFRICA, WEST	NIL
EDUCATION -CURRICULA	NIL
EDUCATION - EARLY WORKS TO 1800	SUNY UD, HAM, SU UC
EDUCATION -EARLY WORKS TO 1880	SUNY UD, SU
EDUCATION, HIGHER	COL, HAM
EDUCATION-HIST	NIL

SUBJECT HEADINGSLOCATION

EDUCATION -HIST	MY, SUNY UD, COL, CAZ, LeM, HAM, SU
EDUCATION -HIST	SUNY UD, COL, UP, HAM, SU, UC
EDUCATION -NEW ZEALAND	UP, CAZ, SU
EDUCATION -ROME	HAM
EDUCATION - ROME	MY, COL, CAZ, HAM, SU
EDUCATION- STAT	MR, MY, LeM, SU, UC
EDUCATIONAL INNOVATIONS- ADDRESSES ESSAYS, LECTURES	MY, LeM, SU
EDUCATIONAL MATERIALS CENTERS	SUNY UD, SU
EDUCATIONAL PSYCHOLOGY	UC, SU
EDUCATIONAL PSYCHOLOGY-ADDRESSES, ESSAYS, LECTURES	LeM, SU
EDUCATIONAL PSYCHOLOGY-ADDRESSES, ESSAYS, LECTURES	MY
EDUCATION RESEARCH-ADDRESSES, ESSAYS, LECTURES	COL, SU
EDUCATIONAL SOCIOLOGY	SUNY AG
EDUCATION OF ADULTS	ERIC
EDUCATION OF CHILDREN	SP, SU, UC
EDUCATION OF CHILDREN	NIL
EDUCATION OF WOMEN, MEDIEVAL	NIL
EGYPT-DESCR & TRAV	SUNY UD, COL, HAM, SU
EGYPT-RELIGION	COL
EGYPT-RELIGION-HIST	SUNY AG, SP, HAM

SUBJECT HEADINGSLOCATION

EGYPT-RELIGION

COL

EGYPT -RELIGION - HIST

SUNY AG, SP, HAM

ELASTICITY

SUNY UD, ROME, CARRIER, SP, SU

ELECTRIC CONTROLLERS

MY, SU

ELECTRIC CONTROLLERS

MV, HAM, SUNY AG, SP, MV, SU

ELECTRIC MOTORS

SUNY AG, SP, MV

ELECTRIC WELDING

NIL

ELECTROCARDIOGRAPHY

UMC

ELECTROCARDIOGRAPHY -PROGRAMMED INSTRUCTION

CROUSE, UMC

ELECTROCHEMISTRY

SU

ELECTRONIC DATA PROCESSING-BUSINESS

MV, SU, HERK

ELECTRONIC CONTROL

ROME AIR DEV, MV

ELECTROSLAG PROCESS

NIL

ELIOT, THOMAS STEARNS, 1888-THE FAMILY REUNION

LeM, SU, UC

EMPHYSEMA, PULMONARY

NIL

EMPHYSEMA, PULMONARY

CROUSE, UMC

ENCYCLOPEDIAS AND DICTIONARIES

UP, MV, SU, UC

ENDOWMENTS- U.S.

SU

ENGINEERING ECONOMY

SU

ENGINEERING-STATISTICAL METHODS

SU

SUBJECT HEADINGSLOCATION

ENGLISH LANGUAGE-SEMANTICS	CROUSE, ROME, SUNY AG, SP, LeM, UC, HERK
ENGLISH LITERATURE-EARLY MODERN TO 1700	SUNY AG, LEM, SU
ENGLISH LITERATURE-HIST & CRIT	MY, SUNY AG, COL, UP, CAZ, HAM, UC, HERK
ENGLISH POETRY-HIST & CRIT	COL, LeM, SU
ENGLISH POETRY (COLLECTIONS)	MY, UP
ENVIRONMENTAL POLICY - U.S.	MY, SUNY F, COL, CAZ, SP, MV HAM, SU, UC, HERK
EPILEPSY	MY, SUNY AG, UP, SP, SU
EROTIC LITERATURE	MY, LeM
ESSEX CO., NY - HIST	COL, HAM
ETHICS	CAZ, SP, MV, UMC, HAM, SU
ETHICS	MR, MY, COL, MV, LeM, HAM, SU, UC
EUNUCHS	NIL
EUROPE, EASTERN -POLITICS	HAM, UC
EUROPE, EASTERN -POLITICS	SOL, SP, HAM, SU UC
EUROPE- KINGS AND RULERS	MY, UC
EUROPE-POPULATION	SU
EUROPEAN WAR 1914-1918 PERSONAL NARRATIVES	COL, HAM, SU

SUBJECT HEADINGSLOCATION

EVANGELISTIC WORK

MY

EVEREST, MOUNT

MY, UP, SU

EVOLUTION

SU, HERK

EWELL, RICHARD STODDART, 1817-1872

NIL

FAIRIES

COL, LeM

FALCONRY

NIL

FALCONRY

NIL

FAMILY-RELIGIOUS LIFE

SU

FARM MANAGEMENT

SUNY AG, USVAH

FENCES

SP

FERMENTATION

NIL

FICTION

MY

(FICTION)

MY, COL, UP, HAM

FINANCIAL STATEMENTS-GT. BRIT

SU

FISH-CULTURE

SUNY AG, SUNY F

FISHERIES-ATLANTIC OCEAN

LeM

FISHERIES-NEW ENGLAND

SU

FLUID MECHANICS

SUNY AG, SP, MV

FLUID POWER TECHNOLOGY

SUNY AG

SUBJECT HEADINGSLOCATION

FOLK-LORE-IRELAND

SP, LeM, HAM, SU

FOLK-LORE, NEGRO

MY, UP

FOLKLORE-NEW YORK (STATE) -
SCHOHARIE CO

SP, HAM

FOOD ADDITIVES

SU

FOOD SUPPLY

MY, SUNY AG, COL, UP, CAZ, AGWAY,
SP, MV, LeM, HAM

FORTUNE-TELLING

SP

FOX HUNTING - IRELAND

SP

FRANCE-DESC. & TRAV - 1945

SU

FRENCH-FICTION-20th CENT-HIST & CRIT

SUNY AG, COL, MV, HAM, SU

FRENCH LITERATURE-19th CENT.-HIST & CRIT

NIL

FRENCH LITERATURE -OLD FRENCH -HIST & CRIT

NIL

FUEL CELLS- CONGRESSES

MY, SU

GAME AND GAMEBIRDS-U.S.

COL

GARMENT CUTTING

MY, SP, SU

GAS AND ENGINES

MY, UP

GARNET, HENRY HIGHLAND, 1818-1892

NIL

GENETIC PSYCHOLOGY

SU

GENITO - URINARY ORGANS-DISEASES

USVAH

SUBJECT HEADINGSLOCATION

GEOMETRY, HYPERBOLIC

COL, SU

GEOMETRY-PROBLEMS, FAMOUS

SP

GEOMETRY-STUDY AND TEACHING

COL, HAM

GEORGE FRIEDRICH, PRINCE OF WALDECK, 1620-1692

NIL

GERIATRIC NURSING

St. J, MV, UMC

GERIATRIC NURSING

St. J

GERMAN LITERATURE- 18th CENT- ADDRESSES,
ESSAYS AND LECTURES

SU

GERMANY (TERRITORY UNDER ALLIED OCCUPATION,
U.S.ZONE)

NIL

GETTYSBURG, BATTLE OF, 1863

MY

GRAFTING

SUNY F

GRAHAM, WILLIAM FRANKLIN, 1918-

NIL

GRASSES

SP, UC

GREEK DRAMA (TRADEGY)-HIST & CRIT

COL, SU

GREEK DRAMA-TRANSLATIONS INTO ENGLISH

COL, LeM, MR

GHOSTS

NIL

GIDDINGS, JOSHUA REED, 1795-1864

NIL

GIRLS

CROUSE

GLENESK, ALGERNON BORTHWICK, 1st BARON, 1830-1908

NIL

SUBJECT HEADINGSLOCATION

GOD-PROOF, ONTOLOGICAL-COLLECTIONS

COL, LeM, HAM

GOLF

SU

GOLF-LINKS

NIL

GOOD AND EVIL

NIL

GOVERNMENT, RESISTANCE TO

HAM, SU, HERK

GROUP COUNSELING-ADDRESSES, ESSAYS, LECTURES

SU

GROUP PSYCHOTHERAPY

COL, UMC, SU

GT. BRIT-HIST-ANGEVIN PERIOD, 1154-1216

COL, MV, HERK

GT. BRIT ARMY ROYAL TANK REGIMENT

HAM

GT. BRIT-COLONIES-EDUCATION

NIL

GT. BRIT-HIST-HISTORIOGRAPHY

NIL

GT. BRIT-ROMAN PERIOD 55B.C. -449A.D.

MY, SU

GT. BRIT.- HIST-VICTORIA, 1837-1901

NIL

GT. BRIT-MILITARY-20th CENT

NIL

GT. BRIT-POL & GOVERNMENT, 1837-1901

HAM

GT. BRIT-POL & GOVERNMENT-19th CENT

HAM

GT. BRIT SPECIAL OPERATIONS (EXECUTIVE)

NIL

GURDJIEFF, GEORGES INVANOVITCH, 1872-1949

SP, HAM, SU

SUBJECT HEADINGSLOCATION

HAITI-RELIGION

MY, COL, UP, SP, SU

HAITI-SOC LIFE & CUST

COL, SP, LeM, SU, HER

HALE, NATHAN, 1755-1776

NIL

HAMPTON, WADE, 1818-1902

NIL

HAWTHORNE, MONT. 1865

UP

HAWTHORNE, MONT 1865

NIL

HAWTHORNE, NATHANIEL, 1804-1864

MY, SUNY UD, SUNY AG, COL, UP,
CAZ, UC, SP, MV, HAM, SU

HAYDN, JOSEPH, 1732-1809 MASSES

NIL

HEARING

COL, HAM, SU

HEART-DISEASES

CROUSE, ST.J, MV, UMC, USVAH

HEARST, GEORGE 1820-1891

NIL

HELOISE 1101-1164

COL, CAZ, HAM, SU, UC

HEMOGLOBINOPATHY

NIL

HERESIES AND HERETICS-EARLY CHURCH

COL, UP, SP, HAM, UC

HESSE, HERMANN 1877-1962

COL, UP, SP, HAM, UC

HINDI LANGUAGE-GRAM MAR

NIL

HIROHITO, EMPEROR OF JAPAN, 1901-

MY, SUNY AG

HOMERUS, ODYSSEA

SUNY AG, COL, CAZ, LeM, SU, HERK

SUBJECT HEADINGSLOCATION

HOMICIDE INVESTIGATION	MY, SP, SU
HOMMA, MASA HARU 1887-1946	NIL
HOMOSEXUALITY	NIL
HOMOSEXUALITY	MY, SP, UMC, SU, UC, HERK
HOROZCO, SEVASTIAN DE, FL 1548-1572	NIL
HOSPITALS-ADMINISTRATION	CROUSE, UMC, USVAH, SU
HOSPITALS-ADMINISTRATION	NIL
HOSPITAL DENTAL SERVICE	NIL
HOTELS, TAVERNS, ETC, ENGLAND	SU
HUMANISM-20th CENT-ADDRESSES, ESSAYS LECTURES	MY, SUNY AG, COL, CAZ, MV, HAM SU, UC
HUMUS	SUNY F, AGWAY
HUNTING-EARLY WORKS TO 1800	NIL
HYGIENE	NIL
HYGIENE, SEXUAL	NIL
HYPNOTISM	COL, HAM
HYPNOTISM	NIL
IBSEN, HENRIK 1828-1906 TECHNIQUE	CAZ
IBSEN, HENRIK, 1828-1906 KNOWLEDGE AND LEARNING	HAM, UC
ILES DU SAINT	UP, USVAH, HAM, UC

SUBJECT HEADINGSLOCATION

INCUNABULA-FACSIMILES

ERIC, SU

INDIA, CIVILIZATION

COL, SU

INDIA-SOCIAL CONDITIONS

NIL

INDIANS

SUNY AG, HAM, SU, HER

INDIANS OF MEXICO-RELIGION AND MYTHOLOGY

NIL

INDIANS OF NORTH AMERICA

SP, LeM

INDIANS OF NORTH AMERICA-CAPITIVITIES

COL, SP, SU

INDIANS OF NORTH AMERICA-GOVT RELATIONS

COL, SU

INDIANS OF NORTH AMERICA-GREAT LAKES REGION

SUNY AG, HAM, SU

INDIANS OF NORTH AMERICA-LEGAL STATUS, LAWS, ETC.

COL, HAM, SU

INDIANS OF NORTH AMERICA-NAMES

HAM

INDIANS OF NORTH AMERICA-RELIGION AND MYTHOLOGY

NIL

INDIANS OF NORTH AMERICA-UTAH

NIL

INDIVIDUALIZED READING INSTRUCTION ADDRESSES,
ESSAYS, LECTURES

SUNY UD, LeM, SU

INDUSTRIAL MANAGEMENT

AMER FOUND, MY, SUNY AG, UP, SP,
MV, SU

INDUSTRIAL MANAGEMENT

NIL

INDUSTRIAL MANAGEMENT

LeM, SU

INDUSTRIAL MANAGEMENT-ADDRESSES, ESSAYS, LECTURES

AMER FOUND, SU

INDUSTRIAL MANAGEMENT

AMER FOUND, CAZ, LeM

SUBJECT HEADINGSLOCATION

INDUSTRIAL MANAGEMENT-ADDRESSES, ESSAYS, LECTURES	AMER FOUND, MY, SP
INDUSTRIAL ORGANIZATION	CAZ, LeM, SU
INFANTS	SU
INFANTS	UMC, UC
INFORMATION THEORY IN COMMUNICATION	NIL
INITIAL TEACHING ALPHABET	COL
INIJINSKY, ROMOLA (DE PULSZKY)ED	HAM
INSANE -- CARE AND TREATMENT	CROUSE, SUNY AG, COL, UP, CAZ, SP, MV, UMC, LeM, HAM, SU, UC, HER
ISLANDS	MY, UP, SP
INTEREST AND USURY-TABLES, ETC.	SP
INTERMEDIATE STATE	NIL
INTERNATIONAL BUSINESS ENTERPRISES	SU
INTERNATIONAL FINANCE	NIL
IONOSPHERIC RADIO WAVE PROPAGATION OBSERVATIONS	NIL
IRELAND-HIST 20th CENT ADDRESSES, ESSAYS, LECTURES	COL
ISRAEL, ARAB WAR 1967	HERK
ITALY-SOC. LIFE & CUST	SP
JAPAN-HIST	NIL

SUBJECT HEADINGSLOCATION

JAPAN - HIST

SU

JAPAN - FOR REL 1912-1945

COL, SP, HAM, SU, UC

JAZZ MUSIC

SUNY AG, COL, MV

JEFFERSON, THOMAS, PRES.U.S.1743-1826

MY, COL, UP, SP, LeM, SU

JEHOVAH'S WITNESSES

MY, SP

JESUS CHRIST-BIO-STUDY

LeM

JESUS CHRIST-MIRACLES-SERMONS

NIL

JEWISH LAW-ADRESSES, ESSAYS, LECTURES

NIL

JEWS-HIST

MY, UP, SP, HAM, UC

JEWS IN POLAND

COL, UP, SP, LeM, SU

JEWS IN RUSSIA-HIST

COL, HAM

JOB SATISFACTION

AMER FOUND, ROME, COL, MV, SU, UC

JOYCE, JAMES, 1882-1941

MR, SUNY UD, COL, SP, UC, LeM,
HAM

JUDAISM

MR, MY, COL, UP, SP

JUDAISM-CONSERVATIVE

COL, UC

JUTLAND. BATTLE OF, 1916

COL

KAFERS (AFRICAN PEOPLE)

SU

KARATE

MY

SUBJECT HEADINGSLOCATION

KEBLE, H. JOHN, 1792-1866

NIL

KENYA COLONY AND PROTECTORATE

SU

KINGDOM OF GOD

SUNY AG, SUNY F

KINGS AND RULERS (IN RELIGION, FOLK-LORE, ETC.)

SUNY F, UMC, SU

KINGSLEY FAMILY

SP

KOREAN WAR 1950-1953 (PRISONERS AND PRISONS)

MY, UP, LeM

KU KLUX KLAN (1915-)

NIL

LABOR AND LABORING CLASSES -U.S.

COL, HAM, SU, UC

LAISSEZ-FAIRE

NIL

LAKE DISTRICT, ENG

MY, SU

LAND TENURE-MEXICO

COL

LAND(UTILIZATION)

SP, MV, SU, SUNY UD, SUNY AG,
SUNY F, COL, UP

LANGUAGE AND LANGUAGES

COL, HAM, SU, UC

LAW REPORTS DIGESTS, ETC. -AFRICA, EAST

NIL

LEADERSHIP

ERIC

LEARNING, PSYCHOLOGY OF

HAM, SU, UC

LEBANON-SOC. LIFE & CUST

COL, SP, MV

LEGENDS-IRELAND

HAM

LEGENDS-TEXAS

SUNY AG, COL, SU

LEITCHWORTH, WILLIAM PRYOR 1823-1910

SUNY AG, COL, LeM, HAM, SU

SUBJECT HEADINGSLOCATION

LEPROSY

NIL

MACHINE-TOOLS-NUMERICAL CONTROL

SUNY AG, MV

LOGIC

COL

LOGIC

MY, SUNY AG, SU, UP, LeM,

LOGIC, SYMBOLIC AND MATHEMATICAL

COL, MV

LONDON, PEWTERS COMPANY

NIL

LONG, HUEY PIERCE 1893-1935

MY

LONELINESS

MY, LeM, HAM

LORD'S SUPPER-HIST

SU

LOVE

SUNY UD, COL

LUMBERING-ADIRONDACK MOUNTAINS

MY, COL, UP, USVAH, UC

LUNGS-DISEASES

CROUSE, UMC, USVAH

MACHINE TOOLS-NUMERICAL CONTROL

SUNY AG, MV

MAFIA

COL, USVAH

MAGIC

SU

MAGIC-HIST

COL

MAGIC, JEWISH

NIL

MAGIC, SEMITIC

NIL

MANAGEMENT

AMER FOUND, MY, COL, UP, CAZ,
SP, MV, LeM, SU, HERK

SUBJECT HEADINGSLOCATION

MAN, PRIMITIVE	MR, COL, SP, LeM, SU
MANUS TRIBE	MR, MY, SUNY AG, COL, UP, CAZ UMC, LeM, HAM, SU, UC
MARRIAGE	NIL
MARRIAGE	CAZ, HAM, SU, UC
MARRIAGE-U.S.	SUNY AG
MASAI LANGUAGE	NIL
MASS	MR, COL, LeM, SU
MASSACHUSETTS-GENERAL	NIL
MASSAGE	MY
MATHEMATICAL RECREATIONS	MR, MV, MY, SU
MATHEMATICS	COL, SP, LeM, SU, HERK
MATHEMATICS--STUDY AND TEACHING (ELEMENTARY)	LeM
MECHANICAL MODELS	NIL
MEDICAL CARE-U.S.	AMER FOUND, MY, COL, UP, SP, UMC, LeM, HAM, SU, UC
MEDICINE AND RELIGION	SU, HERK
MEDICINE-PRACTICE	NIL
MENTAL DEFICIENCY-ADRESSES, ESSAYS, LECTURES	MY, UP, CAZ, UMC, SU
MENTAL ILLNESS	MY, UMC, UC

SUBJECT HEADINGSLOCATION

MENTAL TESTS

COL, HAM, SU

MESMERISM

NIL

METAPHYSICS

SU

METAL-CUTTING

MY, SUNY AG, UP, MV, SU

MEXICO-ANTIQ

COL, HAM, SU

MIDDLETON, THOMAS FANSHAW BP. 1769

NIL

MILK

MY, SUNY AG, UP, SP, SU

MILLSTONE VALLEY

CAZ, SU

MINNESINGERS

SU

MISSIONS-ETHIOPIA

MY

MISSIONS-THAILAND

NIL

MOHAWK VALLEY, N.Y.-HIST-FICTION

MY, HAM

MONET, CLAUDE, 1840-1926

NIL

MONGOLISM

UMC

MORE, SIR THOMAS, SAINT, 1478-1535

NIL

MORMONS AND MORMONISM

SUNY UD, SUNY AG, MV, LeM, HAM, SU

MOSES

SUNY AG, COL, UP, SP, MV UMC,
HAM, SU, UC

MURDER

MY

SUBJECT HEADINGSLOCATION

MURDER

UMC

MURDER-COLLECTIONS

MY, UP, SU

MUSIC-ACOUSTICS AND PHYSICS

COL, SU

MUSIC-FRANCE

COL, UC

MUSIC-HIST AND CRIT

MY, COL, UP, SP, LeM, SU

MUSIC TRADE-U.S.

MV, SU

MUSICIANS-CORRESPONDENCE, REMINISCENCES, ETC.

MY, SP

MYERS, MYER, 1723-1795

CAZ

NASCA, PERU-ANTIQUITIES

NIL

NATIONAL LIBERAL FEDERATION

NIL

NATIONALISM-QUEBEC (PROVINCE) - ADDRESSES,
ESSAYS, LECTURES

NIL

NATURAL RESOURCES

MY, SUNY AG, SUNY F, COL, SP,
HAM, SU

NAVAHO INDIANS

SP

NAVAHO LANGUAGE

NIL

NAVAHO LANGUAGE-~~D~~ ICTIONARIES-ENGLISH

NIL

NAVIGATION

ROME, SUNY F, COL, SP, USVAH,
HAM, SU, HERK

NEGRO PRESS - U.S.

COL, CAZ, UC, HERK

NEGROES - NEW YORK (CITY)

MR, SUNY AG, COL, CAZ, SP, LeM
HAM, SU, UC, HERK

SUBJECT HEADINGSLOCATION

NEGROES.-- SOUTH CAROLINA

MY, SU

NERVES

SU

NERVOUS SYSTEM - PICTORIAL WORKS

CROUSE, St. J, SUNY AG, MV, UMC
USVAH, HAM, SU, UC, HERK

NEUROLOGY -COLLECTED WORKS

NIL

NEVELSON, LOUISE 1900

NIL

NEWMAN, JOHN HENRY, CARDINAL 1801-1890

COL, LeM

NEW PRODUCTS

AMER FOUND, MY, CARRIER, UP

NEW PRODUCTS

SU

NEW THOUGHT

NIL

NEW YORK (STATE)-HIST-COLONIAL PERIOD

COL, UP, HAM, UC

NIL-HAMITIC TRIBES

NIL

NOLAN, JAMES PATRICK

NIL

NUCLEIC ACIDS

UC

NURSES AND NURSING

NIL

NURSES AND NURSING-INDIA

NIL

NURSES AND NURSING-LEGAL STATUS, LAWS ETC.

St. J, MV, UMC, SU

NURSING HOMES

St.J, MV, UMC

NUTRITION

CROUSE, UP, SU

NUTRITION-DICTIONARIES

UMC

SUBJECT HEADINGSLOCATION

OBSTETRICAL NURSING

CROUSE, StJ, SUNY AG, MV, UMC, SU

OCCULT SCIENCES

NIL

OCCULT SCIENCES

UC

OCCULT SCIENCES

NIL

OCCULT SCIENCES-DICTIONARIES

MY, UP

OCCULT SCIENCES -HISTORY

NIL

OKLAHOMA HISTORY

MY, COL, SP, LeM, SU

OKLAHOMA-HIST-OUTLINES, SYLLABI ETC.

COL

ORATORY

MR, LeM, HAM, SU

ORATORY

SU, UC

ORGAN MUSIC

SU

ORGANIZATION-ADDRESSES, ESSAYS, LECTURES

AMER FOUND, LeM, SU

ORES-SAMPLING AND ESTIMATION

HAM, SU

PACIFIC COAST HIST. SOURCES

SU

PAINTING

NIL

THE PALL MALL GAZETTE, LONDON

UP

PAMPHLET

NIL

PARALYSIS, ANTERIOR SPINAL

MY, UP, SP, SU

PARIS INTELLECTUAL LIFE

COL, HAM, SU

SUBJECT HEADINGSLOCATION

PASTORAL PSYCHOLOGY

NIL

PATTERN PERCEPTION

NIL

PAUL, SAINT, APOSTLE

COL, SP, HAM

PEACE

HAM

PEDIATRICS

CROUSE, St.J, UMC, SU, UC

PEPTIC ULCER

USVAH

PERCEPTUAL -MOTOR LEARNING

MV, SU

PERSONALITY

MY, SUNY AG, COL, UP, SP, MV, LeM,
HAM, SU

PERSONNEL MANAGEMENT

SUNY AG, AMER FOUND, CARRIER,
UP, CAZ, SP, MV, LeM, HAM, SU, UC

PERSONNEL SERVICE IN HIGHER EDUCATION HIST

SU

PEWTER

SP

PEWTER, AMERICAN

MY, SUNY UD, UP, SP

PHARMACOLOGY-CONGRESSES

JMC

PHILLIPINE ISLANDS-POL & GOVT 1946

SU, UC

PHILOSOPHY-ADDRESSES, ESSAYS, LECTURES

COL, SU

PHILOSOPHY-DICTIONARIES

SUNY UD, COL, HAM, UC

PHILOSOPHY AND RELIGION

NIL

PHONETIC ALPHABET

NIL

SUBJECT HEADINGSLOCATION

PHYSICAL EDUCATION FOR CHILDREN	SUNY UD, CAZ, HERK
PHYSICAL EDUCATION AND TRAINING CURRICULUM	NIL
PHYSICAL EDUCATION AND TRAINING - HIST	NIL
PHYSICAL EDUCATION FOR MENTALLY HANDICAPPED CHILDREN	SU
PHYSICAL GEOGRAPHY	LeM, SU
PHYSICS-ADDRESSES, ESSAYS, LECTURES	SU, LeM
PHYSICS-DICTIONARIES	NIL
PIAGET, JEAN 1896	SUNY UD, SP, HAM, SU
PIANISTS	NIL
PLAGUE-LONDON, 1665 --FICTION	SU
PLANTS, EDIBLE	COL
PLATO-INFLUENCE	LeM, HAM, SU
PLAY	CAZ, HAM, UC
POETRY	NIL
POISONOUS PLANTS	MY, SUNY AG, SUNY F, COL, CAZ, SU
POLAROGRAPH AND POLAROGRAPHY	ROME, SUNY F, CARRIER, COL, MV, LeM, SU
POLAROGRAPH AND POLAROGRAPHY	LeM, HAM, SU, UC
POLAROGRAPH AND POLAROGRAPHY-CONGRESSES	SU
POLIOMYELITIS-PSYCHOLOGICAL ASPECTS	MY, UP, UMC, SU
POLISH LITERATURE	NIL

SUBJECT HEADINGSLOCATION

POLISH LITERATURE-20TH CENT-HIST & CRIT

NIL

POLITICAL PARTIES

SUNY AG, COL, SP, LeM, HAM

POLITICAL PARTIES - GT. BRIT

COL

POLITICAL SCIENCE

NIL

POOR-- U.S.

SUNY AG, COL, SP, LeM, HAM, SU, UC

POSTERS, RUSSIAN

NIL

POWER (SOCIAL SCIENCES)

NIL

PRECIOUS STONES - NORTH AMERICA

MY, COL, UP, CAZ, SP, USVAH,
SU, UC

PREGNANCY

CROUSE, SP

PREGNANCY-PICTORIAL WORKS

CROUSE, MY, SUNY AG, CAZ, SP,
MV, UMC, SU

PRESIDENTS- U.S.-ELECTION- 1952

NIL

PRIMATES, FOSSIL

MY, COL, MV, LeM, HAM, SU

PRIMERS 1550-1800

MY

PRIME MINISTERS-GT. BRIT.

COL

PRINTING-JUVENILE LITERATURE

MY, MV

PRINTS-TECHNIQUE

MY, SUNY AG, UP, SP, SU

PRISONS-ADDRESSES, ESSAYS, LECTURES

CAZ, LeM, SU

PROBABILITIES

NIL

PRODUCTION MANAGEMENT

AMER FOUND, MY, UP, SP, MV, SU, UC

SUBJECT HEADINGSLOCATION

PROGRAMMING LANGUAGE (ELECTRONIC COMPUTERS)
MACHINE TOOLS-NUMERICAL CONTROL

MV

PROTOPLASM

UMC

PSYCHIATRIC NURSING

MY, COL, UP, UMC, SU

PSYCHIATRY

CROUSE, COL, SUNY UD, SUNY AG,
SP, UMC, USVAH, LeM, HAM, UC

PSYCHICAL RESEARCH

NIL

PSYCHICAL RESEARCH

NIL

PSYCHICAL RESEARCH

NIL

PSYCHOANALYSIS

HAM, SU, MR

PSYCHOANALYSIS

MY, SUNY AG, COL, UP, CAZ, SP
MV, UMC, LeM, SU, UC, HERK

PSYCHOLOGY-ADDRESSES, ESSAYS, LECTURES

NIL

PSYCHOLOGY

MY, UP, SP, HERK

PSYCHOMETRICS, ADDRESSES, ESSAYS, LECTURES

SU, UC

PSYCHOSES

NIL

PSYCHOSES

UMC

PSYCHOSES

USVAH

PSYCHOTHERAPY

SUNY UD

PSYCHOTHERAPY

COL

SUBJECT HEADINGSLOCATION

PSYCHOTHERAPY

MY, SUNY UD, SUNY AG, COL, UP, UMC
CAZ, SP, MV, USVAH, LeM, HAM, SU, UC

PSYCHOTHERAPY

MY, COL, UP, SU

PSYCHOTHERAPY

UMC, SU

PUBLIC WELFARE-U.S.

HAM, SU

PUBLIC WELFARE-U.S. INFORMATION SERVICES

MV, HAM, UC

PUERTO RICO-POL & GOVT. 1898-1952

COL, LeM, HAM, UC

PULUWAT ATOLL

COL, SU

PURITANS

COL, MV, LeM, HAM, SU, UC

RABELAIS, FRANCOIS, 1490(ca.) 1553-?

MY, UP, HAM, SU, UC

RABELAIS, FRANCOIS, 1490(ca.) 1553-?

NIL

RADIO IN EDUCATION, - JAPAN

SU

RADIOECOLOGY-ADDRESSES, ESSAYS, LECTURES

COL, UMC,

RAIKES, HENRY CECIL 1838-1891

NIL

RAILROADS-NORTH CAROLINA

NIL

RASPUTIN, GRIGORI EFIMOVICH 1871-1916

MY, SUNY AG, COL

READING

SUNY UD, COL, SU, UC

READING

SUNY UD

READING (ELEMENTARY)

SP, SU

<u>SUBJECT HEADINGS</u>	<u>LOCATION</u>
READING, (ELEMENTARY)	SUNY UD
READING, PSYCHOLOGY OF	NIL
READING, PSYCHOLOGY OF	NIL
READING (SECONDARY EDUCATION) ADDRESSES, ESSAYS, LECTURES	MY, SU
REAL ESTATE INVESTMENT	MY, SP, UP, HERK, MV
REAL PROPERTY-VALUATIONS	NIL
REEL ADOLF FRANK, THE CASE OF GENERAL YAMASHIRA WAR CRIMES TRIALS-MANILA 1946	NIL
REFORM JUDAISM	NIL
REFORMATION-SPAIN	NIL
RELIGION--PHILOSOPHY	NIL
RELIGION-PHILOSOPHY	MY, SUNY AG, UP, CAZ, SP, LeM, HAM, SU, UC
RELIGION AND SCIENCE-HISTORY OF CONTROVERSY	MY, COL, UP, CAZ, HAM, SU, HERK
RELIGIOUS EDUCATION OF MENTALLY HANDICAPPED	MY
RELIGIOUS EDUCATION-PSYCHOLOGY	MR, St. J, LeM
RESPIRATORY DISTRESS SYNDROME	NIL
ROADS--DESIGN	SUNY F, MV
ROADS--NEW YORK (STATE)	NIL
ROCKY MOUNTAINS	COL

<u>SUBJECT HEADINGS</u>	<u>LOCATION</u>
ROGER, JOHN 1829-1904	NIL
ROMAKO, ANTON 1832-1889	NIL
ROMANCE PHILLOY-ADDRESSES, ESSAYS, LECTURES	SU, SUNY AG, COL
ROME (CITY DESCR)	MR, MY, SP, SP, LeM
ROSICRUCIANS	SP
RUSSIA-DESCR & TRAV 1945	NIL
SAILBOATS	SP
ST. CLAIR CON-HIST MICH	NIL
SALESMEN AND SALESMENSHIP	MY, UP, USVAH, NIL, SP, MV, SU
SALONS	SU
SALVATION	NIL
SANCHEZ, LUIS ALBERTO, 1900	SU
SAN FRANCISCO-POL & GOVT	NIL
SAN GIULIANA, ANTONIO PATERNO CASTELLO, MARCHESE DI 1852-1914	NIL
SATURDAY CLUB, BOSTON	MY, CAZ, HAM, SU
SAXOPHONE-INSTRUCTION AND STUDY	SU
SCHOOL LIBRARIES	MY, SU
SCHOOL MANAGEMENT AND ORGANIZATION- ADDRESSES ESSAYS, LECTURES	MR, SU

SUBJECT HEADINGSLOCATION

SCHOOL SUPERVISION	SUNY UD, COL, SU
SCIENCE-HIST-AFRICA	COL, SU
SCIENCE-HIST	NIL
SCIENCE-METHODOLOGY	NIL
SCHIZOPHRENIA	SP, UC, HERK
SCLEROSIS, MULTIPLE	NIL
SEA MONSTERS	MY, MV, SU
SEA SERPENT	MY, UP, SP, SU
SECURITY (PSYCHOLOGY)	COL, CAZ, HAM
SELF	MY, LeM
SELF-REALIZATION	ECCO, MY, COL, UP, SP, MV, SU
SEX	SU, CAZ, UMC, HERK
SEX-ANECDOTES, FACETIAE, SATIRE, ETC	UP, SP
SEX CUSTOMS	SUNY UD, CAZ, UMC, SU
SEX (PSYCHOLOGY)	SP, UMC, SU
SHAKESPEARE, WILLIAM-TRAGEDIES	MY, COL, SP
SHIPWRECKS	NIL
SIAMESE LANGUAGE-TEXTBOOK FOR FOREIGNERS ENGLISH	COL, HAM
SINGLE-PARENT FAMILY-U.S.	MY, UP, SU

SUBJECT HEADINGSLOCATION

SLAVERY IN THE U.S.--CONTROVERSIAL LITERATURE 1857	MY, COL, UP, SU, LeM, UC
SLAVERY IN THE U.S.--ANTI-SLAVERY-MOVEMENTS	MY, COL, UC, HAM, LeM
SLAVERY IN THE U.S.- CONTROVERSIAL LITERATURE - 1856	NIL
SLAVERY IN THE U.S.	MY, COL, SP, MV, LeM, HAM, SU, UC
SMALL GROUPS	SUNY UD, MV, SU
SMITH, CHARLES FORSTER 1852-1931	NIL
SMITH, WILLIAM HENRY 1825- 1891	HAM
SOCIAL PSYCHIATRY-COLLECTED WORKS	SU
SOCIAL PSYCHOLOGY	SU, MR, COL, CAZ, SP, MV, LeM, HAM, UC
SOCIAL PSYCHOLOGY-ADDRESSES, ESSAYS, LECTURES	UMC, HAM, SU, UC
SOCIAL SCIENCES-METHODOLOGY	SUNY F, COL, CAZ, MV, UMC, LeM, HAM, SU, UC
SOCIAL SCIENCES-STUDY AND TEACHING	MY, COL, UP, SP, LeM, HAM, UC
SOCIAL SERVICE	SU
SOCIAL WORKERS U.S	SU
SOCIALISM IN THE U.S.HIST	SUNY AG, COL, SP, LeM, HAM, SU, HERK
SOCIALLY HANDICAPPED CHILDREN-EDUCATION LANGUAGE ARTS-ADDRESSES, ESSAYS, LECTURES	SUNY UD, SU, HERK
SOCIOLOGY-BIBLIOG	SUNY UD, LeM, HAM, SU
SOCIOLOGY-HISTORY	MV, HAM, UC, HERK
SOCIAL CASE WORK	SUNY AG, CAZ, SU

<u>SUBJECT HEADINGS</u>	<u>LOCATION</u>
SOCIAL CHANGE	SU
SOCIAL GROUPS	SU
SOCIAL GROUP WORK	MV, SU
SOCIAL INTERACTION	NIL
SOILS-BACTERIOLOGY-CONGRESSES	COL, HAM, SU
SOLI-FUNGI	SUNY F, SU
SOMATOLOGY	COL, HAM
SOUTH AMERICA-ANTIQ	NIL
SOUTH AMERICA-DESC Y TRAV	NIL
SOUTH CAROLINA-HIST	HAM, SU
SPACE LAW	SU
SPANISH DRAMA (COLLECTIONS)	SU
SPAIN-EMIG IMMIG	NIL
SPANISH LANGUAGE-HIST	SU, UC, HERK
SPANISH LANGUAGE-STYLE	NIL
SPEECH-CONGRESSES	SU
SPEECH -DEFECTS	NIL
SPIRITUAL LIFE	MY, COL, CAZ, HAM, SU
SPIRITUAL LIFE-CATHOLIC AUTHORS	MR, MY, SUNY AG, COL, CAZ, SP, LeM, UC

<u>SUBJECT HEADINGS</u>	<u>LOCATION</u>
SPIRITUALISM-COMMUNICATIONS	NIL
SPORTS-ACCIDENTS AND INJURIES	St. J, SUNY UD, UMC
STATISTICS	SU
STERILITY	UMC
STEVENS, GEORGE, 1904	COL, SP
STOCK AND STOCK BREEDING	MY, UP
STRASBOURG	NIL
STRATEGY	NIL
STREET-RAILROADS-U.S.-HIST	NIL, COL
STRESS (PHYSIOLOGY)	CROUSE, CAZ, MV, USVAH, SU, UC
STRESS (PHYSIOLOGY)-CONGRESSES	NIL
STUART, JAMES EWELL BROWN, 1833-1864	COL
STUART, JAMES EWELL BROWN, 1833-1864	MY, COL, UP, SP, USVAH, LeM, SU
STUDENTS	COL, HAM
SUBMARINE MEDICINE-PSYCHOLOGICAL ASPECTS	UMC, UC
SUCCESS	MY, UP, SP, MV, USVAH, COL
SUFFERING	MY, UP, SP, SU
SUICIDE	COL, LeM, SU
SUICIDE-U.S.	SUNY AG, COL, MV, UMC, LeM, HAM, SU, UC, HERK

SUBJECT HEADINGSLOCATION

SUMNER, CHARLES 1811-1874	MY, COL, UP, SP, MV, LeM, HAM, UC
SUNDAY	NIL
SUPERSTITION	MY, SP, SU
SWORDS, ENGLISH	NIL
SYMPHONIES-ANALYSIS, APPRECIATION	NIL
TAILORING (WOMENS)	MY
TEACHING-AIDS AND DEVICES	MY
TELESCOPE	NIL
TELEVISION AND CHILDREN	SU, MY, SUNY UD, COL, UP, CAZ, SP, MV, LeM, HAM, SU, UC
TERMINAL CARE	MY, St.J, SUNY AG, COL, CAZ, SP MV, UMC
TERPENES	SUNY F, SU
THAILAND-NATIVE RACES	NIL
THAILAND POL & GOVT	NIL
THEATER	SUNY AG, SP, MV, SU, HERK
THEATER-GREECE	SP, HAM, SU
THEATER-SPAIN-HIST	NIL
THEOLOGY-ADDRESSES, ESSAYS, LECTURES	MR, MY, LeM, SU
THEOSOPHY	NIL
THERAPEUTICS, PHYSIOLOGICAL	HAM

SUBJECT HEADINGSLOCATION

THUNDER BAY DISTRICT, ONT

NIL

THYROID GLAND-DISEASES

NIL

TIYO SOGA 1829-1871

NIL

TIMGAD, ALGERIA

NIL

TOYS-HIST

MY, SUNY AG, UP, SP, LeM, HAM,
SU, UC

TRACTORS

UP, SU

TROBRIAND ISLANDS

NIL

TUNING

SP

TUTENKAMUN, KING OF EGYPT-JUVENILE SIT

MY, UP

UNITED NATIONS-MEMBERSHIP

NIL

U.S-DIPLOMATIC AND CONSULAR SERVICE

SU

U.S.FEDERAL REFORMATORY FOR WOMEN, ALDERSON,
W.VA.

NIL

U.S.- GENEALOGY

SU, COL, UP

U.S.- HIST CIVIL WAR- CAMPAIGNS AND BATTLES

SU

U.S.- HISTORY-WAR OF 1812-NAVAL OPERATIONS

COL, UP, SP, HAM, SU

U.S.-HISTORY CIVIL WAR-PERSONAL NARRATIVES

SP

U.S.HISTORY-REVOLUTION-FICTION

NIL

U.S. MARINE CORPS

MV, HAM, SU

U.S.-POL & GOVT 1961

MY, SUNY AG, COL, UP, LeM, SU

SUBJECT HEADINGSLOCATION

U.S.POLITICS AND GOVERNMENT-1945	MY, SU
U.S.POLITICS AND GOVERNMENT-HANDBOOKS, MANUALS ETC	SUNY AG, COL, LeM, SP, UC, HER
U.S.POLITICS AND GOVT. 1961-1963 ADDRESSES, ESSAYS AND LECTURES	MY, CAZ, LeM
U.S.POLITICS AND GOVT-REVOLUTION	SU
U.S.SOCIAL CONDITIONS	SUNY AG, SUNY F
U.S.SOCIAL POLICY	MY, COL, SP, LeM, HAM
UNIVERSITIES AND COLLEGES BUILDINGS	MV, LeM
URDU LANGUAGE-GRAMMAR	NIL
UTOPIAS	SU, MR, MY, SUNY UD, COL, UP, LeM, HAM, UC
VALDES, JUAN DE D 1541	COL
VIBRATION	NIL
VIRGINIA-SOC. LIFE & CUST COLONIAL PERIOD	SUNY AG, COL, SP, MV, HAM
VITAMINS	MY, SP
VOCATIONAL INTERESTS-TESTING	COL, SU
WAR CRIMES-TRIALS-NUREMBERG, 1945-1946	MY, LeM, HAM, SU, UC
WATER FLOURIDATION	SUNY AG, SP, COL,
WAVELL, ARCHIBALD, PERCIVAL WAVELL 1st. VISCOUNT 1883	COL, HAM, UC
WEATHER-LORE	MY, SUNY AG, UP, SP
WEAVING	UP

SUBJECT HEADINGSLOCATIONWEBSTER, JOHN 1580-1625?
THE DUTCHESS OF MALFI

NIL

WEST VIRGINIA-HISTORY

SU

WHITE MOUNTAINS

MY

WHITMAN, WALT 1819-1892 MUSIC

COL, SP, HAM, SU

WITCHCRAFT

COL, UP, LeM, UC

WOMAN

UMC, SU

WOMAN-BIOG-PRESIDENTS-U.S. WIVES

LeM, HAM, SU, UC

WOMAN-BIOG

CAZ

WOMEN AS SOLDIERS

NIL

WOOD-ENGRAVINGS ITALIAN

ERIC, SU

WORLD POLITICS 1955
MILITARY ART AND SCIENCE

LeM, HAM

WORLD WAR 1939-1945 NAVAL OPERATIONS

USVAH

WORLD WAR 1939-1945 ECONOMIC ASPECTS GT. BRIT

COL, HAM

WORLD WAR 1939-1945 CAMPAIGNS-AFRICA, NORTH

MR, MY, COL, LeM, HAM, SU

WORLD WAR 1934-1945 SECRET SERVICE-GT BRIT

SUNY AG, MY, UTICA P

WRITING IN ART

SU

YAO (CHINESE TRIBE)

NIL

YAQUI INDIANS

COL

YOGA

SU, MY, UP, SP, MV, UC,

SUBJECT HEADINGSLOCATION

YONG, CHARLOTTE MARY 1823-1901

HAM

YUCATAN-CIVILIZATION

SU, MY, SUNY AG, COL, UP, LeM

YUCATION-DICT & ENCYC

NIL

ZEN (SECT)

SUNY AG, COL, SP, MV, USVAH,
LeM, SU, UC

APPENDIX D

LIBRARIES ABLE TO SUPPLY PARTICULAR SUBJECTS

This appendix is a list of regional libraries with the subjects each could supply. For some of these libraries the list is substantial; for others, there is insufficient data to identify a pattern. At any rate, the purpose of this appendix is its use as a validity check in the search strategy model. After a possible location is identified this appendix should be used to determine if that location is reasonable given the number of similar subjects held by that library. The process is a logical one based on experience. This appendix could also be used to identify strong holdings in a given area or weak holdings regionally (c.g. nils). The data in this appendix was derived from rearranging that data in Appendix C.

SUBJECT NILS

ABRAHAM, BARBARA, 1954-1955
ACUPUNCTURE
AERODYNAMICS
AEROPLANES - DESIGN AND CONSTRUCTION
AFRICA, NORTH - HIST TO 647
AFRICA, WEST - DESCR & TRAV
ALBIGENSES
ALDHELM, SAINT, bp OF SHERBORNE, 640-709
ALGERIA - ANTIQ
ANATOMY, HUMAN
ANGLO-SAXON LANGUAGE - GRAMMAR
ANNE, QUEEN OF GREAT BRITAIN, 1665-1714
APHRODISIACS
ARCHAEOLOGY - CONGRESSES
ARCHITECTURE - ROME (ANCIENT)
ARCHITECTURE - STUDY AND TEACHING
ARRAT, MOUNT
ARREST -U.S.
ART, FRANCE -HIST
ART - PHILOSOPHY
ARTHUR, KING
ARTIFICIAL INTELLIGENCE - ADDRESSES, ESSAYS, LECTURES
ARTISTS - CORRESPONDENCE, REMINISCENCES, ETC
ASHANTIS
ASIA - DESCR & TRAV - GUIDE-BOOKS
ATTITUDE (PSYCHOLOGY)
AUGUSTINUS, UARELIUS, SAINT bp of HIPPO
AUTHORITY
AUTOMOBILES - IGNITION
AZBE, ANTON, 1862-1905
BARCELONA - POPULATION
BAROJA Y NESSI, PIO, 1872
BATIK
BIBLIOGRAPHY
BILLY THE KID
BLOOD - CIRCULATION, ARTIFICIAL
BOTANY, ECONOMIC - DICT
BREMOND, HENRY, 1865-1933
BRONTE FAMILY
BROWNING, ROBERT
CAKE DECORATING
CAMPECHE, MEXICO (STATE) - HIST
CAMPING
CANADA - ECONOMIC POLICY
CARPENTERS SQUARE
CEMETARIES - THE WEST
CERVANTES SOAVERDRA, MIGUEL DE - BIBLIOG
CERVANTES SOAVERDRA, MIGUEL DE, 1547-1616

CHILD STUDY
 CHILDRENS LITERATURE - HIST & CRIT
 CHINA PAINTING
 CHRISTIAN LIFE -METHODIST AUTHORS
 CHURCH AND RACE PROBLEMS - U.S.
 CIVILIZATION, MEDIEVAL - ADDRESSES, ESSAYS, LECTURES
 COACHING (ATHLETICS)
 COMMUNISM
 COMMUNICATION IN MANAGEMENT
 COMMUNISM - HUNGARY
 COMPLETE DENTURES - ATLASES
 CONFEDERATE STATES OF AMERICA, ARMY CAVALRY
 CONSERVATIVE JUDAISM - ADDRESSES, ESSAYS, LECTURES
 CONSERVATIVE JUDAISM - HIST
 COOKERY, AMERICAN
 COPPER - TOXICOLOGY
 CORPORATION - U.S. - FINANCE
 COXSACKIE, NEW YORK - HIST
 CROSSBOW
 CUTHBERT, SAINT, d. 689 -RELICS
 DAKOTA - HIST
 DANCING
 DEATH
 DIALOGUES
 DUBLIN - HIST
 DUNDEE, SCOTLAND - DESCR
 EARLY, JUBAL ANDERSON, 1816-1894
 EAST AND WEST
 EDUCATION - AFRICA
 EDUCATION - AFRICA, BRITISH WEST - HIST
 EDUCATION - AFRICA, FRENCH WEST
 EDUCATION - AFRICA, WEST
 EDUCATION OF CHILDREN
 EDUCATION OF WOMEN, MEDIEVAL
 ELECTRIC WELDING
 ELECTROSLAG PROCESS
 EMPHYSEMA, PULMONARY
 EUNUCHS
 EWELL, RICHARD STODDART, 1817-1972
 FALCONRY
 FERMENTATION
 FRENCH LITERATURE - 19th CENT- HIST & CRIT
 FRENCH LITERATURE - OLD FRENCH - HIST & CRIT
 GARNET, HENRY HIGHLAND, 1818-1892
 GEORGE FRIEDRICH, PRINCE OF WALDECK, 1620-1692
 GERMANY (TERRITORY UNDER ALLIED OCCUPATION, U.S. ZONE)
 GHOSTS
 GIDDINGS, JOSHUA REED, 1795-1864
 GLENESK, ALGERNON BORTHWICK, 1st. BARON, 1830-1908
 GOLF LINKS
 GOOD AND EVIL
 GRAHAM, WILLIAM FRANKLIN, 1918-
 GT BRIT - COLONIES - EDUCATION

GT BRIT - HIST - HISTORIOGRAPHY
 GT BRIT - HIST - VICTORIA, 1837-1901
 GT BRIT - MILITARY - 20th CENT
 GT BRIT - SPECIAL OPERATIONS (EXECUTIVE)
 HALE, NATHAN, 1755-1776
 HAMPTON, WADE, 1818-1902
 HAWTHORNE, MONT, 1865
 HAYDN, JOSEPH, 1732-1809-MASSSES
 HEARST, GEORGE, 1820-1891
 HERESIES AND HERETICS - EARLY CHURCH
 HINDI LANGUAGE - GRAMMAR
 HOMMA, MASAHARU, 1887-1946
 HOMOSEXUALITY
 HOROZCO, SEBASTIAN DE, 1548-1572
 HOSPITALS - ADMINISTRATION
 HOSPITAL DENTAL SERVICE
 HUNTING - EARLY WORKS TO 1800
 HYGIENE
 HYGIENE, SEXUAL
 HYPNOTISM
 INDIA - SOCIAL CONDITIONS
 INDIANS OF NORTH AMERICA - RELIGION & MYTHOLOGY
 INDIANS OF MEXICO - RELIGION & MYTHOLOGY
 INDIANS OF NORTH AMERICA - UTAH
 INDUSTRIAL MANAGEMENT
 INFORMATION THEORY IN COMMUNICATION
 INTERMEDIATE STATE
 INTERNATIONAL FINANCE
 IONOSPHERIC RADIO WAVE PROPAGATION- OBSERVATIONS
 JAPAN - HIST
 JESUS CHRIST - MIRACLES - SERMONS
 JEWISH LAW - ADDRESSES, ESSAYS, LECTURES
 KEBLE, H. JOHN, 1792-1866
 KU KLUX KLAN (1915-)
 LAISSEZ-FAIRE
 LAW REPORTS - DIGESTS, ETC. - AFRICA, EAST
 LEPROSY
 LONDON, PEWTERS COMPANY
 MAGIC, JEWISH
 MAGIC, SEMITIC
 MARRIAGE
 MASAI LANGUAGE
 MASSACHUSETTS-GENERAL
 MECHANICAL MODELS
 MEDICINE - PRACTICE
 MESMERISM
 MIDDLETON, THOMAS FANSHAW, bp. 1769
 MISSIONS - THAILAND
 MONET, CLAUDE, 1840-1926
 MORE, SIR THOMAS, SAINT, 1478-1535
 NASCA, PERU - ANTIQ
 NATIONAL LIBERAL FEDERATION
 NATIONALISM - QUEBEC (PROVINCE) - ADRESSES, ESSAYS, LECTURES
 NAVAHO LANGUAGE

NAVAHO LANGUAGE - DICT - ENGLISH
 NEUROLOGY - COLLECTED WORKS
 NEVELSON, LOUISE, 1900-
 NEW THOUGHT
 NIL-HAMITIC TRIBES
 NOLAN, JAMES PATRICK
 NURSES AND MURSING
 NURSES AND NURSING - INDIA
 OCCULT SCIENCES
 OCCULT SCIENCES - HIST
 PAINTINGS
 PAMPHLET
 PASTORAL PSYCHOLOGY
 PATTERN PERCEPTION
 PHILOSOPHY AND RELIGION
 PHONETIC ALPHABET
 PHYSICAL EDUCATION AND TRAINING - CURRICULUM
 PHYSICAL EDUCATION AND TRAINING - HISTORY
 PHYSICS - DICT
 PIANISTS
 POETRY
 POLISH LITERATURE - 20th CENT - HIST & CRIT
 POLITICAL SCIENCE
 POSTER, RUSSIAN
 POWER (SOCIAL SCIENCES)
 PRESIDENTS - U.S. - ELECTION - 1952
 PROBABILITIES
 PSYCHICAL RESEARCH
 PSYCHOLOGY - ADDRESSES, ESSAYS, AND LECTURES
 PSYCHOSES
 RABELAIS, FRANCOIS, 1490 ca - 1553
 RAIKES, HENRY CECIL, 1838-1891
 RAILROADS - NORTH CAROLINA
 READING - PSYCHOLOGY OF
 REAL PROPERTY - VALUATIONS
 REEL, ADOLF FRANK, THE CASE OF GENERAL YAMASHIRA - WAR CRIME TRIALS -MANILA, 1946
 REFORM JUDAISM
 REFORMATION - SPAIN
 RELIGION - PHILOSOPHY
 RESPIRATORY DISTRESS SYNDROME
 ROADS - NEW YORK (STATE)
 ROGERS, JOHN, 1829-1904
 ROMAKO, ANTON, 1832-1889
 RUSSIA - DESCR & TRAV - 1945
 ST. CLAIR, CO., MICH - HIST
 SALESMEN AND SALESMENSHIP
 SALVATION
 SAN FRANCISCO - POL & GOVT
 SAN GIULIANA, ANTONIO PATERNO CASTELLO, MARCHESE DI, 1852-1914
 SCIENCE - HIST
 SCIENCE - METHODOLOGY
 SCLEROSIS, MULTIPLE
 SHIPWRECKS
 SLAVERY IN THE U.S. - CONTROVERSIAL LITERATURE - 1856
 SMITH, CHARLES FORSTER, 1852-1931
 SOCIAL INTERACTION
 SOUTH AMERICA - ANTIQ
 SOUTH AMERICA - DESC & TRAV

SPAIN - EMMIG & IMMIG
SPANISH LANGUAGE - STYLE
SPEECH - DEFECTS
SPIRITUALISM - COMMUNICATIONS
STRASBOURG
STRATEGY
STREET - RAILROADS - U.S. - HIST
STRESS (PSYCHOLOGY) - CONGRESSES
SUNDAY
SWORDS, ENGLISH
SYMPHONIES - ANALYSIS, APPRECIATION
TELESCOPE
THAILAND - NATIVE RACES
THAILAND - POL & GOVT
THEATER - SPAIN - HIST
THEOSOPHY
THUNDER BAY DISTRICT, ONTARIO
THYROID GLAND - DISEASES
TOYO SOGA, 1829-1871
TIMGAD, ALGERIA
TROBRIAND ISLANDS
UNITED NATIONS - MEMBERSHIP
U.S. FEDERAL REFORMATORY FOR WOMEN, ALDERSON, W.VA
U.S. - HIST - REVOLUTION - FICTION
URDU LANGUAGE - GRAMMAR
VIBRATION
WEBSTER, JOHN, 1580-1625 - THE DUTCHESS OF MALFI
WOMEN AS SOLDIERS
YAO (CHINESE TRIBE)
YUCATAN - DICT & ENCYC

AGWAY

BIOLOGICAL CHEMISTRY
CAMERAS
FOOD SUPPLY
HUMUS

AMERICAN FOUNDATION FOR MANAGEMENT RESEARCH

CAPITAL
CITIES AND TOWNS - MATHEMATICAL MODELS
INDUSTRIAL MANAGEMENT
INDUSTRIAL MANAGEMENT - ADDRESSES, ESSAYS, LECTURES (2)
JOB SATISFACTION
MEDICAL CARE - U.S.
NEW PRODUCTS
ORGANIZATION - ADDRESSES, ESSAYS, LECTURES
PERSONNEL MANAGEMENT
PRODUCTION MANAGEMENT

CARRIER

CHEMICAL BONDS
ELASTICITY
NEW PRODUCTS
PERSONNEL MANAGEMENT
POLAROGRAPH AND POLAROGRAPHY

CAZENOVIA COLLEGE

ALCHEMY
AMERICAN DRAMA - 20th CENT
APPERCEPTION
CHEMISTS
CHILD STUDY
CHILDREN - LANGUAGE
CHURCH HISTORY - SOURCES
COMPARATIVE GOVERNMENT
CYTOLOGY - COLLECTED WORKS
DIALOGUES
ECOLOGY
ECOLOGY - ADDRESSES, ESSAYS, LECTURES
EDUCATION - HIST
EDUCATION - NEW ZEALAND
EDUCATION - ROME
ENGLISH LITERATURE - HIST & CRIT
ENVIRONMENTAL POLICY - U.S.
ETHICS
FOOD SUPPLY
HAWTHORNE, NATHANIAL, 1904-1864
HELOISE, 1101-1164
HOMERUS, ODYSSEA
HUMANISM - 20th CENT - ADDRESSES, ESSAYS, LECTURES
IBSEN, HENRIK, 1828-1906

CAZENOVIA COLLEGE (CONT'D)

INDUSTRIAL MANAGEMENT
 INDUSTRIAL ORGANIZATION
 INSANE - CARE AND TREATMENT
 MANAGEMENT
 MANUS TRIBE
 MARRIAGE
 MENTAL DEFICIENCY - ADDRESSES, ESSAYS, LECTURES
 MILLSTONE VALLEY
 MYERS, MYER, 1723-1795
 NEGRO PRESS - U.S.
 NEGROES - NEW YORK (CITY)
 PERSONNEL MANAGEMENT
 PHYSICAL EDUCATION FOR CHILDREN
 PLAY
 POISONOUS PLANTS
 PRECIOUS STONES - NORTH AMERICA
 PREGNANCY - PICTORIAL WORKS
 PRISONS - ADDRESSES, ESSAYS, LECTURES
 PSYCHOANALYSIS
 PSYCHOTHERAPY
 RELIGION - PHILOSOPHY
 RELIGION AND SCIENCE - HISTORY AND CONTROVERSY
 SATURDAY CLUB, BOSTON
 SECURITY (PSYCHOLOGY)
 SEX
 SEX CUSTOMS
 SOCIAL PSYCHOLOGY
 SOCIAL SCIENCES - METHODOLOGY
 SOCIAL CASE WORK
 SPIRITUAL LIFE
 STRESS (PHYSIOLOGY)
 TELEVISION AND CHILDREN
 TERMINAL CARE
 U.S. - POL & GOVT, 1961-1963 - ADDRESSES, ESSAYS, LECTURES
 WOMAN - BIOG

COLGATE UNIVERSITY

ABORTION
 ADOPTION
 AFRICA, SUB-SAHARAN - ECON COND
 AFRICAN METHODIST EPISCOPAL CHURCH - HIST
 AGRICULTURE - MEXICO
 ALCHEMY
 ANTHONY, SUSAN BROWNELL, 1820-1906
 ANTHROPOLOGY
 APPLICATIONS FOR POSITIONS
 APPERCEPTION
 ARABS IN ISRAEL
 ARTS, THE
 ART
 ART INDUSTRIES AND TRADE - INDIA - HIST

COLGATE UNIVERSITY (CONT'D)

ART AND STATE
AZTECS
BEETHOVEN LUDWIG, 1770-1827
BIBLE - INSPIRATION
BIBLIOGRAPHY
BOOKS - HIST
BOTANY
BROOK FARM
BRUNO, GIORDANO, 1548- 1600
BUTLER, RICHARD AUSTEN, 1902-
CAMERAS
CANALS, NEW YORK (STATE)
CASCADE RANGE
CHEMISTS
CHILD PSYCHIATRY
CHRISTIAN LIFE
CHURCH HISTORY - SOURCES
CINCINNATI, BASEBALL CLUB (NATIONAL LEAGUE)
CITIES AND TOWNS
CITIES AND TOWNS - MATHEMATICAL MODELS
CIVILIZATION, GREEK
COMMUNISM
COMPARATIVE GOVERNMENT
CONFEDERATE STATES OF AMERICA - HIST
CONFESSION - HIST
CONTINENTAL SHELF
CROW INDIANS
CRYPTOGRAPHY
DANA, CHARLES ANDERSON, 1819-1897
DEAF - MEANS OF COMMUNICATION
DEATH
EDUCATION, HIGHER
EDUCATION - HIST
EDUCATION - ROME
EDUCATIONAL RESEARCH - ADDRESSES, ESSAYS, LECTURES
EGYPT - DESCR & TRAV
EGYPT - RELIGION
ENGLISH LITERATURE - HIST & CRIT
ENGLISH POETRY - HIST & CRIT
ENVIRONMENTAL POLICY - U.S
ESSEX CO, N.Y. - HIST
ETHICS
EUROPE, EASTERN - POLICS
EUROPEAN WAR, 1914-1918 - PERSONAL NARRATIVES
FAIRIES
FOOD SUPPLY
FRENCH - FICTION - 20TH CENT - HIST & CRIT
GAME AND GAMEBIRDS - U.S.
GEOMETRY, HYPERBOLIC
GEOMETRY - STUDY AND TEACHING
GOD - PROOF, ONTOLOGICAL - COLLECTIONS
GREEK DRAMA (TRAGEDY) - HIST & CRIT
GREEK DRAMA - TRANSLATIONS INTO ENGLISH

COLGATE UNIVERSITY (CONT'D)

GROUP PSYCHOTHERAPY
GT BRIT - HIST - ANGEVIN PERIOD, 1154-1216
HAITI - RELIGION
HAITI - SOC LIFE & CUST
HAWTHORNE, NATHANIEL, 1804-1864
HEARING
HELOISE, 1101-1164
HESSE, HERMANN, 1877 - 1962
HOMERUS, ODYSSEA
HUMANISM - 20th CENT - ADDRESSES, ESSAYS, LECTURES
HYPNOTISM
INDIA, CIVILIZATION
INDIANS OF NORTH AMERICA - CAPITIVITIES
INDIANS OF NORTH AMERICA - GOVT RELATIONS
INDIANS OF NORTH AMERICA - LEGAL STATUS, LAWS, ETC.
INITIAL TEACHING ALPHABET
INSANE - CARE AND TREATMENT
IRELAND - HIST - 20th CENT - ADDRESSES, ESSAYS, LECTURES
JAPAN - FOREIGN RELATIONS, 1912-1945
JAZZ MUSIC
JEFFERSON, THOMAS, PRES. U.S. , 1743-1826
JEWS IN POLAND
JEWS IN RUSSIA - HIST
JOB SATISFACTION
JOYCE, JAMES, 1882-1941
JUDAISM
JUDAISM - CONSERVATIVE
JUTLAND, BATTLE OF, 1916
LABOR AND LABORING CLASSES - U.S.
LAND TENURE - MEXICO
LAND (UTILIZATION)
LANGUAGE AND LANGUAGES
LEBANON - SOC LIFE AND CUST
LEGENDS - TEXAS
LEITCHWORTH, WILLIAM PRYOR, 1823-1910
LOGIC
LOGIC, SYMBOLIC AND MATHEMATICAL
LOVE
LUMBERING - ADIRONDACK MOUNTAINS
MAFIA
MAGIC - HIST
MANAGEMENT
MAN, PRIMITIVE
MANUS TRIBE
MASS
MATHEMATICS
MEDICAL CARE - U.S.
MENTAL TESTS
MEXICO- ANTIQ
MOSES
MUSIC - ACCOUSTICS AND PHYSICS
MUSIC - FRANCE
MUSIC - HIST & CRIT
NAVIGATION
NEGRO PRESS - U.S.

COLGATE UNIVERSITY (CONT'D)

NEGROES - NEW YORK CITY
NEWMAN, JOHN HENRY, CARDINAL, 1801-1890
NEW YORK (STATE) - HIST - COLONIAL PERIOD
OKLAHOMA - HIST
OKLAHOMA - HIST - OUTLINES, SYLLABI, ETC.
PARIS INTELLECTUAL LIFE
PAUL, SAINT, APOSTLE
PERSONALITY
PHILOSOPHY - ADDRESSES, ESSAYS, LECTURES
PHILOSOPHY - DICT
PLANTS, EDIBLE
POISONOUS PLANTS
POLAROGRAPH AND POLAROGRAPHY
POLITICAL PARTIES
POLITICAL PARTIES - GT BRIT
POOR - U.S
PRECIOUS STONES - NORTH AMERICA
PRIMATES, FOSSIL
PRIME MINISTERS - GT BRIT
PSYCHIATRIC NURSING
PSYCHIATRY
PSYCHOANALYSIS
PSYCHOTHERAPY (3)
PUERTO RICO - POL & GOVT, 1898-1952
PULUWAT ATOLL
PURITANS
RADIOECOLOGY - ADDRESSES, ESSAYS, LECTURES
RASPUTIN, GRIGORI EFIMOVICH, 1871-1916
READING
RELIGION AND SCIENCE - HIST OF CONTROVERSY
ROCKY MOUNTAINS
ROMANCE- PHILOSOPHY - ADRESSES, ESSAYS, LECTURES
SCHOOL SUPERVISION
SCIENCE - HIST - AFRICA
SECURITY (PSYCHOLOGY)
SELF-REALIZATION
SHAKESPEARE, WILLIAM - TRAGEDIES
SIAMESE LANGUAGE - TEXTBOOK FOR FOREIGNERS - ENGLISH
SLAVERY
SLAVERY IN THE U.S. - CONTROVERSIAL LITERATURE, 1857
SLAVERY IN THE U.S. - ANTI-SLAVERY MOVEMENTS
SOCIAL PSYCHOLOGY
SOCIAL SCIENCES - METHODOLOGY
SOCIAL SCIENCES - STUDY AND TEACHING
SOCIALISM IN THE U.S. - HISTORY
SOILS - BACTERIOLOGY - CONGRESSES
SOMATOLOGY
SPIRITUAL LIFE
SPIRITUAL LIFE - CATHOLIC AUTHORS
STEVENS, GEORGE, 1904
STREET - RAILROADS - U.S. - HIST
STUART, JAMES EWELL BROWN, 1833-1864

COLGATE UNIVERSITY (CONT'D)

STUDENTS
 SUCCESS
 SUICIDE
 SUICIDE - U.S.
 SUMNER, CHARLES, 1811-1874
 TELEVISION AND CHILDREN
 TERMINAL CARE
 U.S. - GENALOGY
 U.S. - HIST - HIST - WAR OF 1812 - NAVAL OPERATIONS
 U.S. - POL & GOVT, 1961
 U.S. - POL & GOVT - HANDBOOKS, MANUALS, ETC.
 U.S.-SOCIAL POLICY
 UTOPIAS
 VALDES, JUAN DE, d. 1541
 VIRGINIA - SOC LIFE & CUST - COLONIAL PERIOD
 VOCATIONAL INTERESTS - TESTING
 WATER FLUORIDATION
 WAVELL, ARCHIBALD, PERCIVAL WAVELL, 1st. VISCOUNT, 1833
 WHITMAN, WALT, 1819-1892 - MUSIC
 WITCHCRAFT
 WORLD WAR, 1939-1945 - ECONOMIC ASPECTS - GT BRIT
 WORLD WAR, 1939-1945 - CAMPAIGNS - AFRICA NORTH
 YAQUI INDIANS
 YUCATAN - CIVILIZATION
 ZEN (SECT)

CROUSE-IRVING HOSPITAL

ARTHRITIS
 CHILDBIRTH - PSYCHOLOGY
 DEATH
 ELECTROCARDIOGRAPHY - PROGRAMMED INSTRUCTION
 EMPHYSEMA, PULMONARY
 ENGLISH LANGUAGE - SEMANTICS
 GIRLS
 HEART - DISEASES
 HOSPITALS - ADMINISTRATION
 INSANE - CARE AND TREATMENT
 LUNGS - DISEASES
 NERVOUS SYSTEM - PICTORIAL WORKS
 NUTRITION
 OBSTETRICAL NURSING
 PEDIATRICS
 PREGNANCY
 PREGNANCY -PICTORIAL WORKS
 PSYCHIATRY
 STRESS (PHYSIOLOGY).

HAMILTON COLLEGE

ABORTION
 AGRICULTURE - MEXICO
 ANGLO-SAXON POETRY
 ANTHROPOLOGY
 ARABS IN ISRAEL
 ARCHAEOLOGY - METHODOLOGY
 ARCHITECTURE - U.S.
 ART AND STATE
 ASIA -DESCR & TRAV
 BASIC ENGLISH
 BEETHOVEN, LUDWIG, 1770-1827
 BIOMEDICAL ENGINEERING - CONGRESSES
 BROOK FARM
 BROWNING, ROBERT, 1812-1889
 CHEMISTS
 CHEMICAL BONDS
 CHILDREN - LANGUAGE
 CHILDRENS - LITERATURE - BIBLICG
 CHRISTIAN LIFE
 CHURCH HISTORY - SOURCES
 COLLECTIVE EDUCATION
 COMMUNISM
 CONTINENTAL SHELF
 CONTROL (PSYCHOLOGY)
 COSTUME
 CROW INDIANS
 DURKHEIM, EMILE, 1858-1917
 ECOLOGY - ADDRESSES, ESSAYS, LECTURES
 ECONOMIC HISTORY -20th CENT
 EDUCATION - EARLY WORKS TO 1800
 EDUCATION -HIGHER
 EDUCATION - HIST
 EDUCATION - ROME
 EGYPT -DESC & TRAV
 EGYPT - RELIGION - HIST
 ELECTRIC CONTROLLERS
 ENGLISH LITERATURE - HIST & CRIT
 ENVIRONMENTAL POLICY - U.S.
 ESSEX CO., NEW YORK - HIST
 ETHICS
 EUROPE, EASTERN - POLITICS
 EUROPEAN WAR, 1914-1918 - PERSONAL NARRATIVES
 FOLK-LORE - IRELAND
 FOLK-LORE - NEW YORK (STATE) - SCHOHARIE CO.
 FOOD SUPPLY
 FRENCH - FICTION - 20th CENT - HIST & CRIT
 GEOMETRY - STUDY AND TEACHING
 GOD- PROOF, ONTOLOGICAL - COLLECTIONS
 GOVERNMENT, RESISTANCE TO
 GT. BRIT ARMY ROYAL TANK REGIMENT
 GT. BRIT - POL & GOVT, 1837-1901

HAMILTON COLLEGE (CONT'D)

GT BRIT- POL & GOVT 19th CENT
 GURDJIEFF, GEORGES IVANOVITCH, 1872-1949
 HAWTHORNE, NATHANIEL, 1804-1864
 HEARING
 HELOISE, 1101-1164
 HESSE, HERMANN, 1877-1962
 HUMANISM -20th CENT- ADDRESSES, ESSAYS, LECTURES
 HYPNOTISM
 IBSEN, HENRIK, 1823-1906 - KNOWLEDGE AND LEARNING
 ILES DU SAINT
 INDIANS
 INDIANS OF NORTH AMERICA - GREAT LAKES REGION
 INDIANS OF NORTH AMERICA -LEGAL STATUS, LAWS, ETC.
 INDIANS OF NORTH AMERICA - NAMES
 INJINSHY, ROMOLA (DE PULSZKY) ED
 INSANE - CARE AND TREATMENT
 JAPAN - FOREIGN RELATIONS, 1912-1945
 JESUS CHRIST - DRAMA
 JEWS - HIST
 JEWS IN RUSSIA - HIST
 JOYCE, JAMES, 1882-1941
 LABOR AND LABCRING CLASSES - U.S.
 LANGUAGE AND LANGUAGES
 LEARNING, PSYCHOLOGY OF
 LEGENDS - IRELAND
 LETCHWORTH, WILLIAM PRYOR, 1823-1910
 LONELINESS
 MAN, PRIMITIVE
 MANUS TRIBE
 MARRIAGE
 MEDICAL CARE - U.S.
 MENTAL TESTS
 MEXICO - ANTIQ
 MENTAL TESTS
 MEXICO -ANTIQ
 MOHAWK VALLEY, NEW YORK -HIST - FICTION
 MORMONS AND MORMONISM
 MOSES
 NATURAL RESOURCES
 NAVIGATION
 NEGROES - NEW YORK (CITY)
 NERVOUS SYSTEM - PICTORIAL WORKS
 NEW YORK STATE HIST- COLONIAL PERIOD
 ORATORY
 ORES -SAMPLING AND ESTIMATION
 PARIS -INTELLECTUAL LIFE
 PAUL, SAINT, APOSTLE
 PEACE
 PERSONALITY
 PERSONNEL MANAGEMENT
 PHILOSOPHY - DICT
 PIAGET, JEAN, 1896
 PLATO - INFLUENCE

HAMILTON COLLEGE (CONT'D)

PLAY
 POLAROGRAPH AND POLAROGRAPHY
 POLITICAL PARTIES
 POOR - U.S.
 PRIMATES, FOSSIL
 PSYCHIATRY
 PSYCHOANALYSIS
 PSYCHOTHERAPY
 PUBLIC WELFARE - U.S.
 PUBLIC WELFARE - INFORMATION SERVICES
 PUERTO RICO - POL & GOVT 1898-1952
 PURITANS
 RABELAIS, FRANCOIS, 1490ca - 1553
 RELIGION - PHILOSOPHY
 RELIGION AND SCIENCE - HISTORY OF CONTROVERSY
 ROME - SOC LIFE & CUST
 SATURDAY CLUB, BOSTON
 SECURITY (PSYCHOLOGY)
 SIAMESE LANGUAGE - TEXTBOOK FOR FOREIGNERS - ENGLISH
 SLAVERY IN THE U.S.
 SLAVERY IN THE U.S. - ANTI-SLAVERY MOVEMENTS
 SMITH, WILLIAM HENRY, 1825-1891
 SOCIAL PSYCHOLOGY
 SOCIAL PSYCHOLOGY - ADDRESSES, ESSAYS, LECTURES
 SOCIAL SCIENCES - METHODOLOGY
 SOCIAL SCIENCES - STUDY AND TEACHING
 SOCIALISM IN THE U.S. - HIST
 SOCIOLOGY - BIBLIOG
 SOCIOLOGY - HIST
 SOILS - BACTERIOLOGY - CONGRESSES
 SOMATOLOGY
 SOUTH CAROLINA - HIST
 SPIRITUAL LIFE
 STUDENTS
 SUICIDE - U.S.
 SUMNER, CHARLES, 1811-1874
 TELEVISION AND CHILDREN
 THEATER - GREECE
 THERAPEUTICS, PHYSIOLOGICAL
 TOYS - HIST
 U.S. - HIST - WAR OF 1812 - NAVAL OPERATIONS
 U.S. - MARINE CORPS
 U.S. - SOCIAL POLICY
 UTOPIAS
 VIRGINIA - SOCIAL LIFE & CUST
 WAR CRIMES - TRIALS - NUREMBERG, 1945-1946
 WARELL, ARCHIBALD, PERCIVAL WARELL 1ST VISCOUNT, 1883-
 WHITMAN, WALT, 1819-1892 - MUSIC
 WOMAN - BIOG - PRESIDENTS - U.S. - WIVES
 WORLD POLITICS, 1955 - MILITARY ART AND SCIENCE
 WORLD WAR, 1939-1945 - CAMPAIGNS - AFRICA NORTH
 YONG, CHARLOTTE MARY, 1823-1901
 YUCATAN - CIVILIZATION

HERKIMER COUNTY COMMUNITY COLLEGE

ABORTION
 ADOLESCENCE
 AMERICAN FICTION - HIST & CRIT
 ANTHROPOLOGY
 AZTECS
 CHURCH HISTORY - SOURCES
 CIVILIZATION, GREEK
 ECOLOGY - ADRESSES, ESSAYS, LECTURES
 ELECTRONIC DATA PROCESSING BUSINESS
 ENGLISH LANGUAGE - SEMANTICS
 ENGLISH LITERATURE - HIST & CRIT
 ENVIRONMENTAL POLICY - U.S.
 EVOLUTION
 GOVERNMENT, RESISTANCE TO
 GT BRIT - HIST - ANGEVIN PERIOD, 1154-1216
 HAITI - SOCIAL LIFE & CUST
 HOMERUS, ODYSSEA
 HOMOSEXUALITY
 INDIANS
 INSANE - CARE AND TREATMENT
 ISRAEL, ARAB WAR - 1967
 MANAGEMENT
 MATHEMATICS
 MEDICINE AND RELIGION
 NAVIGATION
 NEGRO PRESS - U.S.
 NEGROES - NEW YORK (CITY)
 NERVOUS SYSTEM - PICTORIAL WORKS
 PHYSICAL EDUCATION FOR CHILDREN
 PSYCHOANALYSIS
 PSYCHOLOGY
 REAL ESTATE INVESTMENT
 RELIGION AND SCIENCE
 SCHIZOPHRENIA
 SEX
 SOCIALISM IN THE U.S. - HIST
 SOCIALLY HANDICAPPED CHILDREN - EDUCATION - LANGUAGE - ARTS - ADDRESSES, —
 ESSAYS, LECTURES
 SOCIOLOGY - HIST
 SPANISH LANGUAGE
 SUICIDE - U.S.
 THEATER
 U.S. - POL & GOVT - HANDBOOKS, MANUALS, ETC.

LEMOYNE COLLEGE

ACRASIALES
 ADOLESCENCE
 AGRICULTURE - MEXICO
 AMERICAN DRAMA - 20th CENT
 ANGLO-SAXON POETRY
 ANTHROPOLOGY
 APPLICATIONS FOR POSITIONS
 AZTECS
 BEETHOVEN LUDWIG, 1770-1827
 BIBLE BIOLOGICAL CHEMISTRY
 BRUNO, GIORDANO, 1548-1600
 BUDGET IN BUSINESS
 BUTLER, RICHARD AUSTEN, 1902-
 CAMERAS
 CATHOLIC CHURCH
 CHEMISTS
 CHEMICAL BONDS
 CHILDREN - MANAGEMENT
 CHRISTIAN LIFE
 CHURCH HISTORY - SOURCES
 COMMUNISM
 COMPARATIVE GOVERNMENT
 CORRELATION (STATISTICS)
 CRYPTOGRAPHY
 DAVID, JACQUES, LOUIS, 1748-1825 - PAINTING, FRENCH - HIST
 DEBTS, PUBLIC
 DEVELOPMENTAL NEUROLOGY
 DURKHEIM, EMILE, 1858-1917
 EDUCATION - HIST
 EDUCATIONAL INNOVATIONS - ADDRESSES, ESSAYS, LECTURES
 EDUCATIONAL PSYCHOLOGY - ADDRESSES, ESSAYS, LECTURES
 ELIOT, THOMAS STEARNS, 1888- THE FAMILY REUNION
 ENGLISH LANGUAGE - SEMANTICS
 ENGLISH LITERATURE - EARLY MODERN TO 1700
 ENGLISH POETRY - HIST & CRIT
 EROTIC LITERATURE
 ETHICS
 FAIRIES
 FISHERIES - ATLANTIC OCEAN
 FOLK-LORE - IRELAND
 FOOD SUPPLY
 GOD - PROOF, ONTOLOGICAL - COLLECTIONS
 GREEK DRAMA - TRANSLATIONS INTO ENGLISH
 HAITI - SOC LIFE & CUST
 HOMERUS, ODYSSEA
 INDIANS OF NORTH AMERICA
 INDIVIDUALIZED READING INSTRUCTION - ADDRESSES, ESSAYS, LECTURES
 INDUSTRIAL MANAGEMENT
 INDUSTRIAL ORGANIZATION
 INSANE - CARE AND TREATMENT
 JEFFERSON, THOMAS, PRES, U.S., 1743-1826
 JESUS CHRIST
 JESUS CHRIST - DRAMA
 JEWS IN POLAND
 JOYCE, JAMES, 1882-1941

LEMOYNE COLLEGE (CONT'd)

KOREAN WAR, 1950-1953 - PRISONERS AND PRISONS
 LETCHWORTH, WILLIAM PRYOR, 1823-1910
 LOGIC
 LONELINESS
 MANAGEMENT
 MAN, PRIMITIVE
 MANUS TRIBE
 MASS
 MATHEMATICS
 MEDICAL CARE - U.S.
 MORMONS AND MORMONISM
 MUSIC - HIST & CRIT
 NEGROES - NEW YORK (CITY)
 NEWMAN, JOHN HENRY, CARDINAL, 1801-1890
 OKLAHOMA HISTORY
 ORATORY
 ORGANIZATION - ADDRESSES, ESSAYS, LECTURES
 PERSONALITY
 PERSONNEL MANAGEMENT
 PHYSICAL GEOGRAPHY
 PHYSICS-ADDRESSES, ESSAYS, LECTURES
 PLATO - INFLUENCE
 POLAROGRAPH AND POLAROGRAPHY
 POLITICAL PARTIES
 POOR- U.S.
 PRIMATES, FOSSIL
 PRISONS - ADDRESSES, ESSAYS, LECTURES
 PSYCHIATRY
 PSYCHOANALYSIS
 PSYCHOTHERAPY
 PUERTO RICO - POL & GOVT, 1898-1952
 PURITANS
 RELIGION - PHILOSOPHY
 RELIGIOUS EDUCATION - PSYCHOLOGY
 ROME (CITY) - DESCR & TRAV
 SELF
 SLAVERY IN THE U.S. - CONTROVERSIAL LITERATURE, 1859
 SLAVERY IN THE U.S. - ANTI-SLAVERY MOVEMENTS
 SOCIAL PSYCHOLOGY
 SOCIAL SCIENCES - METHODOLOGY
 SOCIAL SCIENCES - STUDY AND TEACHING
 SOCIALISM IN THE U.S. - HIST
 SOCIOLOGY - BIBLIOG
 SPIRITUAL LIFE - CATHOLIC AUTHORS
 STUART, JAMES EWELL BROWN, 1833-1864
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 SUICIDE - U.S.
 SUMNER, CHARLES, 1811-1874
 TELEVISION AND CHILDREN
 THEOLOGY - ADDRESSES, ESSAYS, LECTURES
 TOYS - HIST
 U.S. - POL & GOVT - 1961
 U.S. - POL & GOVT - HANDBOOKS, MANUALS, ETC
 U.S. - POL & GOVT - 1961-1963- ADDRESSES, ESSAYS, LECTURES
 U.S. - SOCIAL POLICY

LeMOYNE COLLEGE (CONT'd)

UNIVERSITIES AND COLLEGES - BLDGS
 UTOPIAS
 WAR CRIMES - TRIALS - NUREMBERG, 1945-1946
 WITCHCRAFT
 WOMAN - BIOG - PRESIDENTS - U.S. - WIVES
 WORLD POLITICS - 1955 - MILITARY ART AND SCIENCE
 WORLD WAR, 1939-1945 - CAMPAIGNS - AFRICA, NORTH
 YACATAN - CIVILIZATION
 ZEN (SECT)

MARIA REGINA COLLEGE

AESTHETICS - ADDRESSES, ESSAYS, LECTURES
 AMERICAN FICTION - HIST & CRIT
 ANTHROPOLOGY
 APPERCEPTION
 CHEMICAL BONDS
 CONTROL (PSYCHOLOGY)
 ECOLOGY
 EDUCATION - STAT
 ETHICS
 GREEK DRAMA - TRANSLATIONS INTO ENGLISH
 JOYCE, JAMES, 1882-1944
 JUDAISM
 MAN, PRIMITIVE
 MANUS TRIBE
 MASS
 MATHEMATICAL RECREATIONS
 NEGROES - NEW YORK (CITY)
 ORATORY
 RELIGIOUS EDUCATION - PSYCHOLOGY
 ROME (CITY) - DESCR & TRAV
 SCHOOL MANAGEMENT AND ORGANIZATION - ADDRESSES, ESSAYS, LECTURES
 SOCIAL PSYCHOLOGY
 SPIRITUAL LIFE - CATHOLIC AUTHORS
 THEOLOGY - ADDRESSES, ESSAYS, LECTURES
 UTOPIAS
 WORLD WAR, 1939-1945 - CAMPAIGNS - AFRICA, NORTH

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 ALCHEMY
 AMERICAN DRAMA - 20th CENT
 ANTHROPOLOGY
 ARABIC LANGUAGE - DIALECTS - EGYPT
 ARCHAEOLOGY - METHODOLOGY
 ARTS, THE
 ARTS, AND STATE
 ASTRAL PROJECTION
 ASTROLOGY
 AZTECS
 BARBED WIRE - COLLECTORS AND COLLECTING
 BIOGRAPHY - JUVENILE LITERATURE

MID-YORK LIBRARY SYSTEM (CONT'd)

BIRDS - SONORA, MEXICO
BOOKS - HIST
BOTANY
BROOK FARM
BROWNING, ROBERT, 1812-1889
BUDGET IN BUSINESS
CAGE- BIRDS
CAGE-BIRDS - DISEASES
CAMERAS
CANALS - NEW YORK (STATE)
CHEMISTS
CHESS - MIDDLE GAMES
CHILDBIRTH -PSYCHOLOGY
CHILD PSYCHIATRY
CHILDREN, ADOPTED - CASE STUDIES
CHILDREN - LANGUAGE
CHILDRENS ART
CHRISTIAN LIFE
CHURCH HISTORY - SOURCES
CINCINNATI, BASEBALL CLUB (NATIONAL LEAGUE)
CIVILIZATION, MINOAN
CLOCKS AND WATCHES - HIST
COLLEGE STUDENTS - CONDUCT OF LIFE
COMMUNICABLE DISEASES
COOKERY, AMERICAN
COSTUME - HIST
COWPENS, BATTLE OF 1781
CREMATION
CRIME AND CRIMINALS - U.S.
CROW INDIANS
CRUELTY TO CHILDREN - U.S.
CRYPTOGRAPHY
DANA, CHARLES ANDERSON, 1819-1897
DANCING - CHILDRENS DANCES
DEAF - MEANS OF COMMUNICATION
DEATH
DEATH- ADRESSES, ESSAYS, LECTURES
DENMARK - HISTORY TO 1214
DEVOTIONAL EXERCISES
DEVELOPMENTAL NEUROLOGY
DIALOGUES
DOLLS - COLLECTORS AND COLLECTING
EDUCATION - HIST
EDUCATION - ROME
EDUCATIONAL INNOVATIONS - ADDRESSES, ESSAYS, LECTURES
EDUCATIONAL PSYCHOLOGY - ADDRESSES, ESSAYS, LECTURES
ELECTRIC CONTROLLERS
ENGLISH LITERATURE - HISTORY AND CRIT
ENGLISH POETRY (COLLECTIONS)
ENVIRONMENTAL POLICY - U.S.
EPILEPSY
EROTIC LITERATURE
ETHICS

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EVANGELISTIC WORK
EVEREST, MOUNT
FOLK-LORE, NEGRO
FOOD SUPPLY
FUEL CELLS - CONGRESSES
GARMENT CUTTING
GETTYSBURG, BATTLE OF , 1863
GT. BRIT - ROMAN PERIOD, 55BC - 449AD
HAITI - RELIGION
HAWTHORNE, NATHANIEL, 1804-1864
HIROHITO, EMPEROR OF JAPAN, 1901-
HOMICIDE INVESTIGATION
HOMOSEXUALITY
HUMANISM - 20th CENT - ADDRESSES, ESSAYS, LECTURES
INDUSTRIAL MANAGEMENT
INDUSTRIAL MANAGEMENT - ADDRESSES, ESSAYS, LECTURES
ISLANDS
JEFFERSON, THOMAS, PRES. U.S., 1743-1826
JEHOVAH'S WITNESSES
JEWS - HIST
JUDAISM
KARATE
KOREAN WAR, 1950-1953 - PRISONERS AND PRISONS
LAKE DISTRICT, ENGLAND
LOGIC
LONG, HUEY PEIRCE, 1893-1935
LONELINESS
LUMBERING - ADIRONDACK MOUNTAINS
MANAGEMENT
MANUS TRIBE
MASSAGE
MATHEMATICAL RECREATIONS
MEDICAL CARE - U.S.
MENTAL DEFICIENCY - ADDRESSES, ESSAYS, LECTURES
MENTAL ILLNESS
METAL-CUTTING
MILK
MISSIONS - ETHIOPIA
MOHAWK VALLEY, NY - HIST - FICTION
MURDER
MURDER - COLLECTIONS
MUSIC- HIST & CRIT
MUSICIANS - CORRESPONDENCE, REMINISCENCES, ETC.
NATURAL RESOURCES
NEGROES - SOUTH CAROLINA
NEW PRODUCTS
OCCULT SCIENCES - DICT
OKLAHOMA - HIST
PARALYSIS, ANTERIOR SPINAL
PERSONALITY
PEWTER, AMERICAN
POISONOUS PLANTS

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POLIOMYELITIS - PSYCHOLOGICAL ASPECTS
 PRECIOUS STONES - NORTH AMERICA
 PREGNANCY - PICTORIAL WORKS
 PRIMATES, FOSSIL
 PRIMERS - 1550-1800
 PRINTING - JUVENILE LITERATURE
 PRINTS - TECHNIQUE
 PRODUCTION MANAGEMENT
 PSYCHIATRIC NURSING
 PSYCHOANALYSIS
 PSYCHOLOGY
 PSYCHOTHERAPY
 RABELAIS, FRANCOIS, 1490ca- 1553
 RASPUTIN, GRIGORI EFIMOVICH, 1871-1916
 READING (SECONDARY EDUCATION) - ADDRESSES, ESSAYS, LECTURES
 REAL ESTATE INVESTMENT
 RELIGION- PHILOSOPHY
 RELIGION AND SCIENCE - HISTORY OF CONTROVERSY
 RELIGIOUS EDUCATION OF MENTALLY HANDICAPPED
 ROME (CITY) - DESCR & TRAV
 SALESMEN AND SALESMENSHIP
 SATURDAY CLUB, BOSTON
 SCHOOL LIBRARIES
 SEA MONSTERS
 SEA SERPENT
 SELF
 SELF-REALIZATION
 SHAKESPEARE, WILLIAM, - TRAGEDIES
 SINGLE-PARENT FAMILY - U.S.
 SLAVERY IN THE U.S.
 SLAVERY IN THE U.S. - CONTROVERSIAL LITERATURE - 1857
 SLAVERY IN THE U.S. - ANTI-SLAVERY MOVEMENTS
 SOCIAL SCIENCES - STUDY AND TEACHING
 SPIRITUAL LIFE
 SPIRITUAL LIFE - CATHOLIC AUTHORS
 STOCK AND STOCK BREEDING
 SUCCESS
 SUFFERING
 SUMNER, CHARLES, 1811-1874
 SUPERSTITION
 TAILORING (WOMENS)
 TEACHING - AIDS AND DEVICES
 TELEVISION AND CHILDREN
 TERMINAL CARE
 THEOLOGY - ADDRESSES, ESSAYS, LECTURES
 TOYS - HIST
 TUTENKAMUN, KING OF EGYPT - JUVENILE LITERATURE
 U.S. - POL & GOVT - 1961
 U.S. - POL & GOVT - 1945
 U.S. - SOCIAL POLICY
 UTOPIAS
 VITAMINS
 WAR CRIMES- TRIALS - NUREMBERG, 1945-1946

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WEATHER- LORE
 WHITE MOUNTAINS
 WORLD WAR, 1939-1945 - CAMPAIGNS - AFRICA NORTH
 WORLD WAR, 1934- 1945 - SECRET SERVICE - GT. BRIT
 YOGA
 YUCATAN

MOHAWK VALLEY COMMUNITY COLLEGE

ACRASIALES
 ADOLESCENCE
 ANTHROPOLOGY
 APPLICATIONS FOR POSITIONS
 APPERCEPTION
 BOTANY
 CAMERAS
 CAPITAL
 CHEMISTS
 CHILD PSYCHIATRY
 CHILDREN - GROWTH
 CHILDRENS LITERATURE - BIBLIOG
 COMMERCIAL LAW
 CRYPTOGRAPHY
 DEATH
 DEVELOPMENTAL NEUROLOGY
 DRAMA - COLLECTIONS
 ECOLOGY
 ECOLOGY - ADDRESSES, ESSAYS, LECTURES
 ELECTRIC CONTROLLERS
 ELECTRIC MOTORS
 ELECTRONIC CONTROL
 ELECTRONIC DATA PROCESSING BUSINESS
 ENCYCLOPEDIAS AND DICTIONARIES
 ENVIRONMENTAL POLICY - U.S.
 ETHICS
 FLUID MECHANICS
 FOOD SUPPLY
 FRENCH - FICTION - 20th CENT- HIST & CRIT
 GERIATRIC NURSING
 GT BRIT - HIST - ANGEVIN PERIOD, 1154-1216
 HAWTHORNE, NATHANIEL, 1804-1864
 HEART - DISEASES
 HUMANISM - 20th CENT - ADDRESSES, ESSAYS, LECTURES
 INDUSTRIAL MANAGEMENT
 INSANE - CARE AND TREATMENT
 JAZZ MUSIC
 JOB SATISFACTION
 LAND (UTILIZATION)
 LEBANON - SOC LIFE & CUST
 LOGIC, SYMBOLIC AND METHEMATICAL
 MANAGEMENT
 MATHEMATICAL RECREATIONS
 METAL CUTTING
 MORMONS AND MORMONISM
 MOSES
 MUSIC TRADE - U.S.

MOHAWK VALLEY COMMUNITY COLLEGE (CONT'd)

NERVOUS SYSTEM - PICTORIAL WORKS
 NURSES AND NURSING - LEGAL STATUS, LAWS, ETC.
 NURSING HOMES
 OBSTETRICAL NURSING
 PERCEPTUAL - MOTOR LEARNING
 PERSONALITY
 PERSONNEL MANAGEMENT
 POLAROGRAPH AND POLARGRAPHY
 PREGNANCY - PICTORIAL WORKS
 PRIMATES, FOSSIL
 PRINTING - JUVENILE LITERATURE
 PRODUCTION MANAGEMENT
 PROGRAMMING LANGUAGE (ELECTRONIC COMPUTERS)
 PSYCHOANALYSIS
 PSYCHOTHERAPY
 PUBLIC WELFARE - U.S. INFORMATION SERVICES
 PURITANS
 REAL ESTATE INVESTMENT
 ROADS - DESIGN
 SALESMEN AND SALESMENSHIP
 SEA MONSTERS
 SELF-REALIZATION
 SLAVERY IN THE U.S.
 SMALL GROUPS
 SOCIAL PSYCHOLOGY
 SOCIAL SCIENCES - METHODOLOGY
 SOCIOLOGY - HIST
 SOCIAL GROUP WORK
 STRESS (PHYSIOLOGY)
 SUCCESS
 SUICIDE - U.S.
 SUMNER, CHARLES, 1811-1874
 TELEVISION AND CHILDREN
 TERMINAL CARE
 THEATER
 U.S. MARINE CORPS
 UNIVERSITIES AND COLLEGES - BLDGS.
 VIRGINIA - SOC LIFE & CUST - COLONIAL PERIOD
 YOCA
 ZEN (SECT)

ROME AIR DEVELOPMENT CENTER

CHEMICAL BONDS
 ELASTICITY
 ELECTRONIC CONTROL
 ENGLISH LANGUAGE - SEMANTICS
 JOB SATISFACTION
 NAVIGATION
 POLAROGRAPH AND POLARGRAPHY

ST. JOSEPH'S HOSPITAL

ABORTION
 CARDIOVASCULAR SYSTEM
 CHILDBIRTH -PSYCHOLOGY
 CRIME AND CRIMINALS - U.S.
 DEATH - ADDRESSES, ESSAYS, LECTURES
 GERIATRIC NURSING
 HEART - DISEASES
 NERVOUS SYSTEM - PICTORIAL WORKS
 NURSES AND NURSING - LEGAL STATUS, LAWS, ETC
 NURSING HOMES
 OBSTETRICAL NURSING
 PEDIATRICS
 RELIGIOUS EDUCATION -PSYCHOLOGY
 SPORTS - ACCIDENTS AND INJURIES
 TERMINAL CARE

SUNY - COLLEGE OF FORESTRY

ACRASIALES
 BOTANY
 CITIES AND TOWNS - MATHEMATICAL MODELS
 CYTOLOGY - COLLECTED WORKS
 ECOLOGY
 ECOLOGY - ADDRESSES, ESSAYS, LECTURES
 ENVIRONMENTAL POLICY - U.S.
 FISH-CULTURE
 GRAFTING
 HUMUS
 KINGDOM OF GOD
 KINGS AND RULERS (IN RELIGION, FOLK-LORE, ETC.)
 LAND (UTILIZATION)
 NATURAL RESOURCES
 NAVIGATION
 POISONOUS PLANTS
 POLAROGRAPH AND POLAROGRAPHY
 ROADS - DESIGN
 SOCIAL SCIENCES - METHODOLOGY
 SOLI FUNGI
 TERPENES
 U.S.-SOCIAL CONDITIONS

SUNY MORRISVILLE

ABORTION
 ANTHROPOLOGY
 ARTS, THE
 AZTECS
 BASIC ENGLISH
 BUTLER, RICHARD AUSTEN, 1902-
 CAMERAS
 CANALS - NEW YORK (STATE)

SUNY MORRISVILLE (CONT'd)

CHEMISTS
CHEMICAL BONDS
CHILDBIRTH
CINCINNATI, BASEBALL CLUB (NATIONAL LEAGUE)
COMMUNISM
CONFEDERATE STATES OF AMERICA - HIST
CONGO (LEOPOLDVILLE) - HIST - 1900
COOKERY, AMERICAN
COWPENS, BATTLE OF 1781
DEATH
DEATH - ADDRESSES, ESSAYS AND LECTURES
DEBTS, PUBLIC
DENMARK - HIST TO 1241
DOLLS - COLLECTORS AND COLLECTING
DURKHEIM, EMILE, 1858-1917
ECOLOGY
ECOLOGY - ADDRESSES ESSAYS, LECTURES
EDUCATIONAL SOCIOLOGY
EGYPT - RELIGION - HIST
ELECTRIC CONTROLLERS
ELECTRIC MOTORS
ENGLISH LANGUAGE - SEMANTICS
ENGLISH LITERATURE - EARLY MODERN TO 1700
ENGLISH LITERATURE - HIST & CRIT
EPILEPSY
FARM MANAGEMENT
FISH-CULTURE
FLUID MECHANICS
FLUID POWER TECHNOLOGY
FOOD SUPPLY
FRENCH - FICTION -20th CENT - HIST & CRIT
HAWTHORNE, NATHANIEL, 1804-1864
HEMOGLOBINOPATHY
HIROHITO, EMPEROR OF JAPAN, 1901-
HOMERUS, ODYSSEA
HUMANISM -20th CENT - ADDRESSES, ESSAYS, LECTURES
INDIANS
INDIANS OF NORTH AMERICA - GREAT LAKES REGION
INDUSTRIAL MANAGEMENT
INSANE - CARE AND TREATMENT
JAZZ MUSIC
KINGDOM OF GOD
LAND (UTILIZATION)
LEGENDS - TEXAS
LETCHWORTH, WILLIAM PRYOR, 1823-1910
LOGIC
MACHINE-TOOLS - NUMERICAL CONTROL
MANUS TRIBE
MARRIAGE - U.S.
METAL-CUTTING
MILK
MORMONS AND MORMONISM
MOSES

SUNY MORRISVILLE (CONT'd)

NATURAL RESOURCES
 NEGROES - NEW YORK (CITY)
 NERVOUS SYSTEM - PICTORIAL WORKS
 OBSTETRICAL NURSING
 PERSONALITY
 PERSONNEL MANAGEMENT
 POISONOUS PLANTS
 POLITICAL PARTIES
 POOR - U.S.
 PREGNANCY - PICTORIAL WORKS
 PRINTS
 PSYCHIATRY
 PSYCHOANALYSIS
 PSYCHOTHERAPY
 RASPUTIN, GRIGORI EFIMOVICH, 1871-1916
 RELIGION - PHILOSOPHY
 ROMANCE- ADDRESSES, ESSAYS, LECTURES
 ROME - SOC LIFE & CUST
 SOCIALISM IN THE U.S. - HIST
 SOCIAL CASE WORK
 SPIRITUAL LIFE - CATHOLIC AUTHORS
 SUICIDE - U.S.
 TERMINAL CARE
 THEATER
 TOYS - HIST
 U.S. - POL & GOVT - 1961
 U.S. - POL & GOVT - HANDBOOKS, MANUALS, ETC.
 U.S. - SOC CONDITIONS
 VIRGINIA-SOC LIFE & CUST - COLONIAL PERIOD
 WATER FLUORIDATION
 WEATHER-LORE
 WORLD WAR, 1934-1945 - SECRET SERVICE - GT BRIT
 YUCATAN - CIVILIZATION
 ZEN (SECT)

SUNY UPPER DIVISION

ABORTION
 ACRASIALES
 ARTS, THE
 BEATITUDES - STORIES
 BEETHOVEN, LUDWIG, 1770-1827
 BIRDS- MEXICO
 BUTLER, RICHARD AUSTEN, 1902-
 CLASSROOM MANAGEMENT
 DANCING - CHILDRENS' DANCES
 DEATH
 DEVELOPMENTAL NEUROLOGY
 ECOLOGY
 EDUCATION - EARLY WORKS TO 1800
 EDUCATION - EARLY WORKS TO 1800
 EDUCATION - HIST
 EDUCATIONAL MATERIALS CENTERS
 EGYPT - DESCR & TRAV
 ELASTICITY

SUNY UPPER DIVISION (CONT'd)

HAWTHORNE, NATHANIEL, 1804-1864
 INDIVIDUALIZED READING INSTRUCTION - ADDRESSES, ESSAYS LECTURES
 INSANE - CARE AND TREATMENT
 JOYCE, JAMES, 1882-1941
 LAND (UTILIZATION)
 LOVE
 MORMONS AND MORMONISM
 PEWTER, AMERICAN
 PHILOSOPHY - DICTIONARIES
 PHYSICAL EDUCATION FOR CHILDREN
 PIAGET, JEAN, 1896-
 PSYCHIATRY
 PSYCHOTHERAPY
 READING
 READING (ELEMENTARY)
 SCHOOL SUPERVISION
 SEX CUSTOMS
 SMALL GROUPS
 SOCIALLY HANDICAPPED CHILDREN - EDUCATION - LANGUAGE ARTS - ADDRESSES, ESSAYS, LECTS.
 SOCIOLOGY - BIBLIOG
 SPORTS - ACCIDENTS AND INJURIES
 TELEVISION AND CHILDREN
 UTOPIAS

SUNY UPSTATE MEDICAL CENTER

ABORTION
 ADOPTION
 AGED - ADDRESSES, ESSAYS, LECTURES
 ARTHRITIS
 BIOLOGICAL CHEMISTRY
 BRAIN
 BRAIN - SURGERY
 CARDIOVASCULAR SYSTEM
 CHEMICAL BONDS
 CHILDBIRTH
 CHILDBIRTH - PSYCHOLOGY
 CHILD PSYCHIATRY
 CHILDREN - ABNORMAL AND BACKWARD
 CHILDREN - GROWTH
 COMMUNICABLE DISEASES
 CYTOLOGY - COLLECTED WORKS
 DEATH
 DEVELOPMENTAL NEUROLOGY
 ECOLOGY
 ELECTROCARDIOGRAPHY
 ELECTROCARDIOGRAPHY - PROGRAMMED INSTRUCTION
 EMPHYSEMA, PULMONARY
 ETHICS
 GERIATRIC NURSING
 GROUP PSYCHOTHERAPY
 HEART - DISEASES

SUNY UPSTATE MEDICAL CENTER (CONT'd)

HEMOGLOBINOPATHY
 HOMOSEXUALITY
 HOSPITALS - ADMINISTRATIONS
 INFANTS
 INSANE - CARE AND TREATMENT
 KINGS AND RULERS (IN RELIGION, FOLK-LORE, ETC.)
 LUNGS - DISEASES
 MANUS TRIBE
 MEDICAL CARE - U.S.
 MENTAL DEFICIENCY - ADDRESSES, ESSAYS, LECTURES
 MENTAL ILLNESS
 MONGOLISM
 MOSES
 MURDER
 NERVOUS SYSTEM - PICTORIAL WORKS
 NURSES AND NURSING - LEGAL STATUS, LAWS, ETC.
 NURSING HOMES
 NUTRITION - DICT
 OBSTETRICAL NURSING
 PEDIATRICS
 PHARMACOLOGY - CONGRESSES
 POLIOMYELITIS - PSYCHOLOGICAL ASPECTS
 PREGNANCY - PICTORIAL WORKS
 PROTOPLASM
 PSYCHIATRIC NURSING
 PSYCHIATRY
 PSYCHOANALYSIS
 PSYCHOSES
 PSYCHOTHERAPY
 RADIOECOLOGY - ADDRESSES, ESSAYS, LECTURES
 SEX
 SEX CUSTOMS
 SEX (PSYCHOLOGY)
 SOCIAL PSYCHOLOGY - ADDRESSES, ESSAYS, LECTURES
 SOCIAL SCIENCES - METHODOLOGY
 SPORTS - ACCIDENTS AND INJURIES
 STERILITY
 SUBMARINE MEDICINE - PSYCHOLOGICAL ASPECTS
 SUICIDE - U.S.
 WOMAN

SYRACUSE PUBLIC LIBRARY AND ONONDAGA LIBRARY SYSTEM

ABORTION
 ADOLESCENCE
 AESTHETICS - ADDRESSES, ESSAYS, LECTURES
 AMERICAN FICTION - HIST & CRIT
 APPLICATIONS FOR POSITIONS
 APPERCEPTION
 ARCTIC REGIONS
 ART AND STATE
 AZTECS
 BAHAMAS - DESCR & TRAV - VIEWS

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BEETHOVEN, LUDWIG, 1770-1827
BIBLE
BROOK FARM
CAMERAS
CAPITAL
CHEMISTS
CHICAGO YOUTH DEVELOPMENT PROJECT
CHILD STUDY
CHILDREN - LANGUAGE
CHILDREN - MANAGEMENT
CHINA PAINTING
CINCINNATI, BASEBALL CLUB (NATIONAL LEAGUE)
CLOISONNE
CONDUCT OF LIFE
CONFEDERATE STATES OF AMERICA - HIST
CONRAD, JOSEPH, 1857-1924
COOKERY, AMERICAN
COSTUME
COWPENS, BATTLE OF, 1790
CREMATION
CRUELTY TO CHILDREN - U.S.
CRYPTOGRAPHY
DANA, CHARLES ANDERSON, 1819-1897
DATING (SOCIAL CUSTOMS)
DEATH
DOLLS - COLLECTORS AND COLLECTING
EDUCATION OF CHILDREN
EGYPT - RELIGION - HIST
ELASTICITY
ELECTRICAL CONTROLLERS
ELECTRIC MOTORS
ENGLISH LANGUAGE - SEMANTICS
ENVIRONMENTAL POLICY - U.S.
EPILEPSY
ETHICS
EUROPE, EASTERN - POLITICS
FENCES
FLUID MECHANICS
FOLK-LORE - IRELAND
FOLK-LORE - NEW YORK(STATE) - SCHOHARIE CO.
FOOD SUPPLY
FORTUNE HUNTING
FOX HUNTING - IRELAND
GARMENT CUTTING
GEOMETRY - PROBLEMS, FAMOUS
GRASSES
GURDJIEFF, GEORGES IVANOVITCH, 1872-1949
HAITI - RELIGION
HAWTHORNE, NATHANIEL, 1804-1864
HESSE, HERMANN, 1877-1962
HOMICIDE INVESTIGATION
HOMOSEXUALITY
INDIANS OF NORTH AMERICA
INDIANS OF NORTH AMERICA - CAPTIVITIES
INDUSTRIAL MANAGEMENT
INSANE- CARE AND TREATMENT

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INTEREST AND USURY - TABLES, ETC.
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JAPAN - FOREIGN RELATIONS, 1912-1945
JEFFERSON, THOMAS, PRES, U.S. 1743-1826
JEHOVAH'S WITNESSES
JEWS - HIST
JEWS IN POLAND
JOYCE, JAMES, 1882-1941
JUDAISM
KINGSLEY FAMILY
LAND(UTILIZATION)
LEBANON - SOC LIFE & CUST
MANAGEMENT
MAN, PRIMITIVE
MATHEMATICS
MEDICAL CARE - U.S.
MILK
MOSES
MUSIC - HIST & CRIT
MUSICIANS - CORRESPONDENCE, REMINISCENCES, ETC.
NATURAL RESOURCES
NAVAHO INDIANS
NAVIGATION
NEGROES - NEW YORK (CITY)
OKLAHOMA - HISTORY
PARALYSIS, ANTERIOR SPINAL
PAUL, SAINT, APOSTLE
PERSONALITY
PERSONNEL MANAGEMENT
PEWTER
PEWTER, AMERICAN
PIAGET, JEAN 1896-
POLITICAL PARTIES
POOR - U.S.
PRECIOUS STONES - NORTH AMERICA
PREGNANCY
PREGNANCY - PICTORIAL WORKS
PRINTS - TECHNIQUES
PRODUCTION MANAGEMENT
PSYCHIATRY
PSYCHOANALYSIS
PSYCHOLOGY
PSYCHOTHERAPY
READING (ELEMENTARY)
REAL ESTATE INVESTMENT
RELIGION - PHILOSOPHY
ROME - SOC LIFE & CUST
ROSICRUCIANS
SAILBOATS
SALESMEN AND SALESMENSHIP
SCHIZOPHRENIA
SEA SERPENT

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 SEX - ANECDOTES, FACETIAE, SATIRE, ETC.
 SEX (PSYCHOLOGY)
 SHAKESPEARE, WILLIAM - TRAGEDIES
 SLAVERY IN THE U.S.
 SOCIAL PSYCHOLOGY
 SOCIAL SCIENCES - STUDY AND TEACHING
 SOCIALISM IN THE U.S. - HIST
 SPIRITUAL LIFE - CATHOLIC AUTHORS
 STEVENS, GEORGE, 1904-
 STUART, JAMES EWELL BROWN, 1833-1864
 SUCCESS
 SUFFERING
 SUMNER, CHARLES, 1811-1874
 SUPERSTITION
 TELEVISION AND CHILDREN
 TERMINAL CARE
 THEATER
 THEATER - GREECE
 TOYS - HIST
 TUNING
 U.S. - HIST - WAR OF 1812
 U.S. - HIST - CIVIL WAR - PERSONAL NARRATIVES
 U.S. - POL & GOVT - HANDBOOKS, MANUALS, ETC.
 U.S. - SOCIAL POLICY
 VIRGINIA - SOCIAL LIFE & CUST - COLONIAL PERIOD
 VITAMINS
 WATER FLUORIDATION
 WEATHER-LORE
 WHITMAN, WALT, 1819-1892 - MUSIC
 YOGA
 ZEN (SECT)

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 AFRICA, SUB-SAHARAN - ECON COND
 AFRICAN METHODIST EPISCOPAL CHURCH - HIST
 AGED - RECREATION
 AGED - ADDRESSES, ESSAYS, LECTURES
 AGRICULTURE - MEXICO
 ALCHEMY
 AMERICAN DRAMA - 20th CENT
 AMERICAN FICTION - HIST & CRIT
 ANGLO-SAXON POETRY
 ANTHONY, SUSAN BROWNELL, 1820-1906
 ANTHROPOLOGY
 ANTHROPOLOGY - METHODOLOGY
 ANTIBIOTICS

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APPERCEPTION
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ARCHITECTURE, COLONIAL
ARCHITECTURE, U.S.
ARTS, THE
ART INDUSTRIES AND TRADE - INDIA - HIST
ASIA - DESCR & TRAV
AZTECS
BACON, FRANCIS, VISCOUNT 1st ALBANS, 1561-1626
BEETHOVEN, LUDWIG, 1770-1827
BIBLE
BIBLE - INSPIRATION
BIBLE, N.T., MARK - CRIT, INTERPRETATION, ETC.
BIBLIOGRAPHY
BIBLIOGRAPHY - BIBLIOGRAPHY
BIOLOGICAL CHEMISTRY
BIRDS - SONORA, MEXICO
BLOOD
BOOKS - HIST
BOOKS AND READING
BOTANY
BROOK FARM
BRONTE FAMILY
BROWNING, ROBERT, 1812-1889
BRUNO, GIORDANO, 1548-1600
CAMERAS
CAPITAL
CASCADE RANGE
CHILD PSYCHIATRY
CHILD STUDY
CHILDREN - ABNORMAL AND BACKWARD
CHILDREN, ADOPTED - CASE STUDIES
CHILDREN - GROWTH
CHILDREN - LANGUAGE
CHILDRENS ART
CHILDRENS LITERATURE - HIST & CRIT
CHURCH HISTORY AND SOURCES
CITIES AND TOWNS
CIVILIZATION, GREEK
CIVILIZATION, MINOAN
COMMERCIAL LAW
COMMUNISM
CONFEDERATE STATES OF AMERICA - HIST
CONFESSION - HIST
CONGO (LEOPOLDVILLE) - HIST - 1900
CONRAD, JOSEPH, 1859-1924
CONTINENTAL SHELF
COPYRIGHT - U.S.
CORRELATION (STATISTICS)
CRIMINAL LAW - COLOMBIA
CROMWELL, OLIVER, 1599-1658

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CRUELTY TO CHILDREN - U.S.
CRYPTOGRAPHY
CYTOLOGY - COLLECTED WORKS
DANA, CHARLES ANDERSON, 1819-1897
DEATH
DEATH - ADDRESSES, ESSAYS, LECTURES
DEBTS, PUBLIC
DENMARK - HIST TO 1241
DEVELOPMENTAL NEUROLOGY
ECOLOGY
ECOLOGY - ADDRESSES, ESSAYS, LECTURES
EDUCATION - EARLY WORKS TO 1800
EDUCATION - EARLY WORKS TO 1880
EDUCATION - HIST
EDUCATION - NEW ZEALAND
EDUCATION - ROME
EDUCATION - STAT
EDUCATIONAL INNOVATIONS - ADDRESSES, ESSAYS, LECTURES
EDUCATIONAL MATERIALS CENTERS
EDUCATIONAL PSYCHOLOGY
EDUCATIONAL PSYCHOLOGY - ADDRESSES, ESSAYS, LECTURES
EDUCATIONAL RESEARCH - ADDRESSES, ESSAYS, LECTURES
EDUCATION OF CHILDREN
EGYPT - DESCR & TRAV
ELASTICITY
ELECTRIC CONTROLLERS
ELECTROCHEMISTRY
ELECTRONIC DATA PROCESSING BUSINESS
ELIOT, THOMAS STEARNS, 1888- THE FAMILY REUNION
ENCYCLOPEDIAS AND DICTIONARIES
ENDOWMENTS - U.S.
ENGINEERING ECONOMY
ENGINEERING - STATISTICAL METHODS
ENGLISH LITERATURE - EARLY MODERN TO 1700
ENGLISH POETRY - HIST & CRIT
ENVIRONMENTAL POLICY - U.S.
EPILEPSY
ETHICS
EUROPE, EASTERN - POLITICS
EUROPE - POPULATION
EUROPEAN WAR, 1914-1918 - PERSONAL NARRATIVES
EVEREST, MOUNT
EVOLUTION
FAMILY - RELIGIOUS LIFE
FINANCIAL STATEMENTS - GT BRIT
FISHERIES - NEW ENGLAND
FOLK-LORE - IRELAND
FOOD ADDITIVES
FRANCE - DESCR & TRAV - 1945
FRENCH - FICTION - 20th CENT - HIST & CRIT
FUEL CELLS - CONGRESSES

GARMENT CUTTING
GENETIC PSYCHOLOGY
GEOMETRY, HYPERBOLIC
GERMAN LITERATURE - 18TH CENT - ADDRESSES, ESSAYS, LECTURES
GULF
GOVERNMENT, RESISTANCE TO
GREEK DRAMA (TRAGEDY) - HIST & CRIT
GROUP COUNSELING - ADDRESSES, ESSAYS, LECTURES
GT BRIT - ROMAN PERIOD, 55BC-44 AD
GURDJIEFF, GEORGES IVANOVITCH, 1872-1949
HAITI - RELIGION
HAITI - SOC LIFE & CUST
HAWTHORNE, NATHANIEL, 1804-1864
HEARING
HELOISE, 1101-1164
HOMERUS, ODYSSEA
HOMICIDE INVESTIGATION
HOMOSEXUALITY
HOSPITALS - ADMINISTRATION
HOTELS, TAVERNS, ETC. - ENGLAND
HUMANISM - 20th CENT - ADDRESSES, ESSAYS, LECTURES
INCUNABULA - FACSIMILES
INDEPENDENT STUDIES
INDIA, CIVILIZATION
INDIANS
INDIANS OF NORTH AMERICA - CAPTIVITIES
INDIANS OF NORTH AMERICA - GOVT RELATIONS
INDIANS OF NORTH AMERICA - GREAT LAKES REGION
INDIANS OF NORTH AMERICA - LEGAL STATUS, LAWS, ETC.
INDIVIDUALIZED READING INSTRUCTION - ADDRESSES, ESSAYS, LECTURES
INDUSTRIAL MANAGEMENT
INDUSTRIAL MANAGEMENT - ADDRESSES, ESSAYS, LECTURES
INDUSTRIAL ORGANIZATION
INFANTS
INSANE - CARE AND TREATMENT
INTERNATIONAL BUSINESS ENTERPRISES
JAPAN - HIST
JAPAN - FOREIGN RELATIONS, 1912-1945
JEFFERSON, THOMAS, PRES. U.S., 1743-1826
JESUS CHRIST - DRAMA
JEWS IN POLAND
JOB SATISFACTION
KAFERS (AFRICAN PEOPLE)
KENYA COLONY AND PROTECTORATE
KINGS AND RULERS (IN RELIGION, FOLK-LORE, ETC.)
LABOR AND LABORING CLASSES - U.S.
LAKE DISTRICT, ENGLAND
LAND (UTILIZATION)
LANGUAGE AND LANGUAGES
LEARNING, PSYCHOLOGY OF
LEGENDS - TEXAS
LEITCHWORTH, WILLIAM PRYOR, 1823-1910
LOGIC
LORD'S SUPPER - HIST

SYRACUSE UNIVERSITY LIBRARIES (CONT'd)

MAGIC
MANAGEMENT
MAN, PRIMITIVE
MANUS TRIBE
MARRIAGE
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MATHEMATICAL RECREATION
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MEDICAL CARE - U.S.
MEDICINE AND RELIGION
MENTAL DEFICIENCY - ADDRESSES, ESSAYS, LECTURES
MENTAL TESTS
METAPHYSICS
METAL - CUTTING
MEXICO - ANTIQ.
MILK
MILLSTONE VALLEY
MINNESINGERS
MORMONS AND MORMONISM
MOSES
MURDER - COLLECTIONS
MUSIC - ACOUSTICS AND PHYSICS
MUSIC - HIST & CRIT
MUSIC TRADE - U.S.
NATURAL RESOURCES
NAVIGATION
NEGROES - NEW YORK (CITY)
NEGROES - SOUTH CAROLINA
NERVES
NERVOUS SYSTEM - PICTORIAL WORKS
NEW PRODUCTS
NURSES AND NURSING - LEGAL STATUS, LAWS, ETC.
NUTRITION
OBSTETRICAL NURSING
OKLAHOMA - HIST
ORATORY
ORGAN MUSIC
ORGANIZATION - ADDRESSES, ESSAYS, LECTURES
ORES - SAMPLING AND ESTIMATION
PACIFIC COAST - HIST - SOURCES
PARALYSIS, ANTERIOR SPINAL
PARIS - INTELLECTUAL LIFE
PEDIATRICS
PERSONALITY
PERSONNEL MANAGEMENT
PERSONNEL SERVICE IN HIGHER EDUCATION - HIST
PHILIPPINE ISLANDS - POL & GOVT - 1946
PHILOSOPHY - ADDRESSES, ESSAYS, LECTURES
PHYSICAL EDUCATION FOR MENTALLY HANDICAPPED CHILDREN
PHYSICAL GEOGRAPHY
PHYSICS - ADDRESSES, ESSAYS, LECTURES
PIAGET, JEAN, 1896-
PLAGUE - LONDON, 1665 - FICTION
PLATO - INFLUENCE

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POISONOUS PLANTS
POLAROGRAPH AND POLAROGRAPHY
POLAROGRAPH AND POLAROGRAPHY - CONGRESSES
POLIOMYELITIS - PSYCHOLOGICAL ASPECTS
POOR - HIST
PRECIOUS STONES - NORTH AMERICA
PREGNANCY - PICTORIAL WORKS
PRIMATES, FOSSIL
PRINTS, TECHNIQUE
PRISONS - ADDRESSES, ESSAYS, LECTURES
PRODUCTION MANAGEMENT
PSYCHIATRIC NURSING
PSYCHOANALYSIS
PSYCHOMETRICS - ADDRESSES, ESSAYS, LECTURES
PSYCHOTHERAPY
PUBLIC WELFARE
PULUWAT ATOLL
PURITANS
RABELAIS, FRANCOIS, 1490 ca - 1553?
RADIO IN EDUCATION - JAPAN
READING
READING (ELEMENTARY)
READING (SECONDARY EDUCATION) - ADDRESSES, ESSAYS, LECTURES
RELIGION - PHILOSOPHY
RELIGION AND SCIENCE - HIST OF CONTROVERSY
ROMANCE - PHILOSOPHY - ADDRESSES, ESSAYS, LECTURES
ROME - SOC LIFE & CUST
SALESMEN AND SALESMENSHIP
SALONS
SANCHEZ, LUIS ALBERTO, 1900-
SATURDAY CLUB, BOSTON
SAXOPHONE - INSTRUCTION AND STUDY
SCHOOL LIBRARIES
SCHOOL MANAGEMENT AND ORGANIZATION - ADDRESSES, ESSAYS, LECTURES
SCHOOL SUPERVISION
SCIENCE - HIST - AFRICA
SEA MONSTERS
SEA SERPENT
SELF - REALIZATION
SEX
SEX CUSTOMS
SEX (PSYCHOLOGY)
SINGLE - PARENT FAMILY - U.S.
SLAVERY IN THE U.S.
SLAVERY IN THE U.S. - CONTROVERSIAL LITERATURE - 1857
SMALL GROUPS
SOCIAL CASE WORK
SOCIAL CHANGE
SOCIAL GROUPS
SOCIAL GROUP WORK
SOCIAL PSYCHOLOGY
SOCIAL PSYCHIATRY

SYRACUSE UNIVERSITY LIBRARIES (CONTINUED)

SOCIAL PSYCHOLOGY - ADDRESSES, ESSAYS, LECTURES
 SOCIAL SCIENCES - METHODOLOGY
 SOCIAL SERVICES
 SOCIAL WORKERS - U.S.
 SOCIALISM IN THE U.S. - HIST
 SOCIALLY HANDICAPPED CHILDREN - EDUCATION - LANGUAGE ARTS - ADDRESSES, ESSAYS, LECTS.
 SOCIOLOGY - BIBLIOG
 SOILS - BACTERIOLOGY - CONGRESSES
 SOIL FUNGI
 SOUTH CAROLINA - HIST
 SPACE LAW
 SPANISH DRAMA (COLLECTIONS)
 SPANISH LANGUAGE - HIST
 SPEECH - CONGRESSES
 SPIRITUAL LIFE
 STATISTICS
 STRESS (PHYSIOLOGY)
 STUART, JAMES EWELL BROWN, 1833-1864
 SUFFERING
 SUICIDE
 SUICIDE - U.S.
 SUPERSTITION
 TELEVISION AND CHILDREN
 TERPENES
 THEATER
 THEATER - GREECE
 THEOLOGY - ADDRESSES, ESSAYS, LECTURES
 TOYS - HIST
 TRACTORS
 U.S. - DIPLOMATIC AND CONSULAR SERVICE
 U.S. - GENEALOGY
 U.S. - HIST - WAR OF 1812 - NAVAL OPERATIONS
 U.S. - HIST - CIVIL WAR - CAMPAIGNS AND BATTLES
 U.S. MARINE CORPS
 U.S. - POL & GOVT - 1961
 U.S. - POL & GOVT - 1945
 U.S. - POL & GOVT - REVOLUTION
 UTOPIAS
 VOCATIONAL INTERESTS - TESTING
 WAR CRIMES - TRIALS - NUREMBERG, 1945-1946
 WEST VIRGINIA - HIST
 WHITMAN, WALT, 1819-1892 - MUSIC
 WOMAN
 WOMAN - BIOG - PRESIDENTS - U.S. - WIVES
 WOOD-ENGRAVINGS, ITALIAN
 WORLD WAR, 1939-1945 - CAMPAIGNS - AFRICA, NORTH
 WRITING IN ART
 YOGA
 YUCATAN - CIVILIZATION
 ZEN (SECT)

UTICA COLLEGE

ABORTION
ANTHROPOLOGY
APPLICATIONS FOR POSITIONS
APPERCEPTION
ARTHRITIS
AZTECS
BIRDS - AUSTRALIA
BROOK FARM
CAPITAL
CHEMISTS
CHILD PSYCHIATRY
CHURCH HISTORY - SOURCES
CITIES AND TOWNS
CITIES AND TOWNS - MATHEMATICAL MODELS
COMPARATIVE GOVERNMENT
CONFEDERATE STATES OF AMERICA - HIST
CROW INDIANS
CRUELTY TO CHIDREN - U.S.
CYTOLOGY - COLLECTED WORKS
ECOLOGY - ADDRESSES, ESSAYS, LECTURES
EDUCATION - EARLY WORKS TO 1800
EDUCATION - HIST
EDUCATION - STAT
EDUCATIONAL PSYCHOLOGY
EDUCATION OF CHILDREN
ELIOT, THOMAS STEARNS, 1888- THE FAMILY REUNION
ENCYCLOPEDIAS AND DICTIONARIES
ENGLISH LANGUAGE - SEMANTICS
ENGLISH LITERATURE - HIST & CRIT
ENVIRONMENTAL POLICY - U.S.
ETHICS
EUROPE, EASTERN - POLITICS
EUROPE, EASTERN - POLITICS
GRASSES
HAWTHORNE, NATHANIEL, 1804-1864
HELOISE, 1101-1164
HESSE, HERMANN, 1877-1962
HOMOSEXUALITY
HUMANISM - 20th CENT - ADDRESSES, ESSAYS, LECTURES
ILES DU SAINT
INFANTS
INSANE - CARE AND TREATMENT
JAPAN - FOREIGN RELATIONS, 1912-1945
JEWS - HIST
JOB SATISFACTION
JUDAISM - CONSERVATISM
LABOR AND LABORING CLASSES - U.S.
LANGUAGE AND LANGUAGES
LEARNING, PSYCHOLOGY OF
LUMBERING - ADIRONDACK MOUNTAINS
MANUS TRIBE
MARRIAGE
MEDICAL CARE - U.S.

UTICA COLLEGE (CONT'd)

MENTAL ILLNESS
 MOSES
 MUSIC - FRANCE
 NEGRO PRESS - U.S.
 NEGROES - NEW YORK (CITY)
 NERVOUS SYSTEM - PICTORIAL WORKS
 NEW YORK (STATE) - HIST - COLONIAL PERIOD
 NUCLEIC ACIDS
 OCCULT SCIENCES
 ORATORY
 PEDIATRICS
 PERSONNEL MANAGEMENT
 PHILIPPINE ISLAND - POL & GOVT, 1946
 PHILOSOPHY - DICT
 PLAY
 POLAROGRAPH AND POLAROGRAPHY
 POOR - U.S.
 PRECIOUS STONES - NORTH AMERICA
 PRODUCTION MANAGEMENT
 PSYCHIATRY
 PSYCHOANALYSIS
 PSYCHOMETRICS - ADDRESSES, ESSAYS, LECTURES
 PSYCHOTHERAPY
 PUBLIC WELFARE - U.S. INFORMATION SERVICES
 PUERTO RICO - POL & GOVT, 1898-1952
 PURITANS
 RABELAIS, FRANCOIS, 1490-1553
 READING
 RELIGION - PHILOSOPHY
 SLAVERY
 SLAVERY IN THE U.S. - CONTROVERSIAL LITERATURE, 1857
 SLAVERY IN THE U.S. - ANTI-SLAVERY MOVEMENTS
 SOCIAL PSYCHOLOGY
 SOCIAL PSYCHOLOGY - ADDRESSES, ESSAYS, LECTURES
 SOCIAL SCIENCES - METHODOLOGY
 SOCIAL SCIENCES - STUDY AND TEACHING
 SOCIOLOGY - HIST
 SPANISH LANGUAGE - HIST
 SPIRITUAL LIFE - CATHOLIC AUTHORS
 STRESS (PHYSIOLOGY)
 SUBMARINE MEDICINE - PSYCHOLOGICAL ASPECTS
 SUICIDE - U.S.
 SUMNER, CHARLES, 1811-1874
 TELEVISION AND CHILDREN
 TOYS - HIST
 U.S. - POL & GOVT - HANDBOOKS, MANUALS, ETC
 UTOPIAS
 WAR CRIMES - TRIALS - NUREMBERG, 1945- 1946
 WAVELL, ARCHIBALD, PERCIVAL, 1st. VISCOUNT, 1833
 WITCHCRAFT
 WOMAN- BIOG - PRESIDENTS - U.S. - WIVES
 YOGA
 YUCATAN - CIVILIZATION
 ZEN (SECT)

UTICA PUBLIC LIBRARY

ABORTION
ADOLESCENCE
AMERICAN DRAMA - 20TH CENT
ANTHONY, SUSAN BROWNELL, 1820-1906
APPLICATIONS FOR POSITIONS
AZTECS
BIOLOGICAL CHEMISTRY
BIOGRAPHY - JUVENILE LITERATURE
BOOKS - HIST
BROOK FARM
BUTLER, RICHARD AUSTEN, 1902-
CAGE-BIRDS
CAMERAS
CANALS - NEW YORK (STATE)
CHEMISTS
CHESS - MIDDLE GAMES
CHILD PSYCHIATRY
CHILDREN, ADOPTED - CASE STUDIES
CHILDREN - LANGUAGE
CHILDRENS LITERATURE - HIST & CRIT
CHURCH HISTORY - SOURCES
CLOCKS & WATCHES - HIST
CONFEDERATE STATES OF AMERICA - HIST
COOKERY, AMERICAN
CRIME AND CRIMINALS - U.S.
CROW INDIANS
CZECHOSLOVAK REPUBLIC - DESCR & TRAV
DANCING - CHILDRENS DANCES
DEAF - MEANS OF COMMUNICATION
DEATH
DENMARK - HIST TO 1241
DIALOGUES
DOLLS - COLLECTORS AND COLLECTING
ECONOMIC HISTORY - 20th CENT
EDUCATION - HIST
EDUCATION - NEW ZEALAND
ENCYCLOPEDIA AND DICTIONARIES
ENGLISH LITERATURE - HIST & CRIT
ENGLISH POETRY (COLLECTIONS)
EPILEPSY
EUROPE - KINGS AND RULERS
EVEREST, MOUNT
FOLK-LORE, NEGRO
FOOD SUPPLY
GAS AND ENGINES
HAITI - RELIGION
HAWTHORNE, MONT. 1865
HAWTHORNE, NATHANIEL, 1804-1864
HESSE, HERMANN, 1877-1962
ILES DU SAINT
INDUSTRIAL MANAGEMENT

UTICA PUBLIC LIBRARY (CONT'd)

INDUSTRIAL MANAGEMENT - ADDRESSES, ESSAYS, LECTURES
INSANE - CARE AND TREATMENT
ISLANDS
JEFFERSON, THOMAS, PRES. U.S., 1743-1826
JEWS - HIST
JEWS IN POLAND
JUDAISM
KOREAN WAR, 1950-1953 - PRISONERS AND PRISONS
LAND (UTILIZATION)
LOGIC
LUMBERING - ADIRONDACK MOUNTAINS
MANAGEMENT
MANUS TRIBE
MEDICAL CARE - U.S.
MENTAL DEFICIENCY - ADDRESSES, ESSAYS, LECTURES
METAL-CUTTING
MILK
MOSES
MURDER - COLLECTIONS
MUSIC - HIST & CRIT
NEW PRODUCTS
NEW YORK (STATE) - HIST - COLONIAL PERIOD
NUTRITION
OCCULT SCIENCES - DICT
THE PALL MALL GAZETTE, LONDON
PARALYSIS, ANTERIOR SPINE
PERSONALITY
PERSONNEL MANAGEMENT
PEWTER, AMERICAN
POLIOMYLITIS - PSYCHOLOGICAL ASPECTS
PSYCHOLOGY
PSYCHOTHERAPY
RABELAIS, FRANCOIS, 1490(ca) - 1553?
REAL ESTATE INVESTMENT
RELIGION - PHILOSOPHY
RELIGION AND SCIENCE - HIST OF CONTROVERSY
ROME (CITY) - DESCR & TRAV
ROME - SOCIAL LIFE & CUST
SALESMEN AND SALESMENSHIP
SEA SERPENT
SELF - REALIZATION
SEX - ANECDOTES, FACETIAE, SATIRE, ETC.
SINGLE PARENT FAMILY - U.S.
SLAVERY IN THE U.S. - CONTROVERSIAL LITERATURE, 1857
SOCIAL SCIENCES - STUDY AND TEACHING
STOCK AND STOCK BREEDING
STUART, JAMES EWELL BROWN, 1833-1864
SUCCESS
SUFFERING
SUMNER, CHARLES, 1811-1864
TELEVISION AND CHILDREN
TOYS - HIST
TRACTORS
TUTENKAMUN, KING OF EGYPT - JUVENILE LITERATURE

UTICA PUBLIC LIBRARY (CONT'd)

U.S.-GENEOLOGY
U.S. - HIST - WAR OF 1812 - NAVAL OPERATIONS
U.S. - POL & GOVT - 1961
UTOPIAS
WEATHER-LORE
WEAVING
WITCHCRAFT
WORLD WAR,, 1934-1945 - SECRET SERVICE - GT BRIT
YOGA
YUCATAN - CIVILIZATION

U.S. VETERANS ADMINISTRATION HOSPITAL

BIOLOGICAL CHEMISTRY
CARDIOVASCULAR SYSTEM
COOKERY FOR THE SICK
FARM MANAGEMENT
GENITO-URINARY ORGANS-DISEASES
HEART - DISEASES
HOSPITALS - ADMINISTRATION
ILES DU SAINT
LUMBERING -ADIRONDACK MOUNTAINS
LUNGS - DISEASES
MAFIA
NAVIGATION
NERVOUS SYSTEM - PICTORIAL WORKS
PEPTIC ULCER
PRECIOUS STONES - NORTH AMERICA
PSYCHIATRY
PSYCHOSES
PSYCHOTHERAPY
SALESMEN AND SALESMENSHIP
STRESS (PHYSIOLOGY)
STUART, JAMES EWELL BROWN, 1833-1864
SUCCESS
WORLD WAR, 1939-1945 - NAVAL OPERATIONS
ZEN (SECT)

APPENDIX E

LIST OF PUBLISHERS AND IMPRINT

DATES WITH LOCATIONS

This appendix is an alphabetical list of publishers with imprint dates followed by abbreviated location symbols of regional libraries able to supply that item. If no regional library could supply the item, then "nil" is listed in the location column. This appendix is intended to be used as input to the search strategy model; it has also been used to identify patterns among larger publishers. The data in this appendix was rearranged to produce Appendix F.

Abelard

65

MY, UP, SU

Abingdon

69

MY

68

SU, HERK

67

ECCO, MY, COL, UP, SP, MV, SU

65

MY, UP

65

SUNY UD, UMC, SU

66

SP

59

SU

36

MY, UP, SP, SU

Academic Press

70

SU

66

SU (69)

62

SUNY F, CAZ, UMC, SU

53-62

SUNY F, UMC, SU, UC

Addison-Wesley

69

LeM

67

SU

66

SUNY AG, SP, MV, SU

Alba

66

MR

Aldine

69

MY, UP, CAZ, UMC, SU

64

MY, COL, HAM, SU

A.L.A.

68

SU

Allen

69

NIL

P.Allen

36

NIL

28

HAM

Allen & Unwin

66

HAM

Allied

63

COL

63

HAM, SU

Allyn

65

MR, SU

Am. Anthro. Assoc.

64

SU

Amer. Diab. Assoc.

59

USVAH

Amer. Management Assoc.

68

SU

62

AM FOUND, CAZ, LeM

AMS Press

70

COL, UP, HAM, SU

69

SUNY AG, COL, HAM, SU

58

NIL

41

COL, HAM, SU

Amer. Studies Ser. Johnson Rept.

68

HAM, SU

ARL

70

HAM, SU

Amer, Tech.

47

NIL

ACLS

57

NIL

Angus & Robertson

67

UC

Archon

70

SU

69

NIL

Arkham

63

MY, COL, HAM, UC

Arno

69

COL, CAZ, UC, HERK, SU

68

MR, SUNY AG, COL, CAZ, SP, LeM,
HAM, SU, UC, HERK

Association Press

69	SP, SU
68	SU
66	SU

Anthrosopic

68	NIL
----	-----

Appleton

71	NIL
69	SU
68	UMC, UC
50	Am. Found. SUNY UD, SU, UC,
48	LeM
38	NIL
33	COL, HAM, SU
23	NIL
1896	MY, COL, UP, CAZ, HAM, HERK

Argus

37	MY, SUNY AG, COL, UP
----	----------------------

E. Arnold

29	COL, SU
----	---------

Atherton Press

69	SP, UC, HERK, SU
----	------------------

Attica Press

61	NIL
----	-----

Australian Pook Center

66	NIL
----	-----

Auteur

1810	NIL
------	-----

Auto Book

68	NIL
----	-----

Aquarian

62	NIL
----	-----

Baillier (J B) et Fils

1862	NIL
------	-----

Ballantine

69	MY, LeM
69	COL, SU
62	COL, SP, LeM

Bailliere, G

1855	NIL
------	-----

Baker

1914	COL, SP, SU, HAM
------	------------------

Balar

1919	NIL
------	-----

Bandry

1838	SU
------	----

A.S. Barnes

69	SU (Barnes & Noble)
67	SP
48	NIL
46	SU

Barre

69	MY, SUNY UD, UP, SP
68	MY

Basic Books

69	MY, SP, HERK, SU, LeM, UP
63	LeM, HAM, SU
54	MY, MV, SU, UC

Beacon

71	CAZ, UC
67, (51)	MR, (COL, CAZ, SP, MV, LeM, HAM, UC)

Beauchesne

64	NIL
----	-----

Behrman

n.d.	NIL
------	-----

Belknap

60	MY, COL, UP
----	-------------

Bell & Howell

60	NIL
----	-----

G. Bell

04

SP

Benziger

51

MR, COL, LeM, SU

Bergama

45

NIL

Berliner Union

53

NIL

Bethany

n.d.

MY 1966

P. Bertrand

1850-59

NIL

Birchard

63

SU

Blades, East, Blade

02

NIL

Blakiston

46

MY, UP

Blackwell

64

SUNY F,

59

NIL

55

NIL

W. Blackwood & Sons

1893

HAM

Blom

68

SUNY UD, COL, SP, LeM, HAM, SU

Bloud & Gay

24

NIL

Bobbs (Bobbs & Merrill)

66

MY, UP

66

SUNY UD, MV, SU

63

MY, UP, UMC, SU

32

SU, HAM

Boccard, Paris E De

49

SU

Boeckh

63

UP, MV, SU

Books for Libraries

50

CAZ

21

MY, CAZ, HAM, SU

1897

MY, UP, CAZ

1880

NIL

Borden

n.d.

MY (1952)

Boulevard

54

MY, COL, SP, HAM, SU

Bousrez

1887

NIL

Branford

64

MY, SUNY AG, SP, SP

Braut, Cerr. & Fuller

n.d.

COL

Breitkopf & Hartel

1894-1926

SU

Brentano's

43

SU

Brit Book Center

n.d.

NIL

Brookings Inst

30

COL, LeM, HAM, SU

Brown, LeRoy

07

SP

Wm. C. Brown

71

NIL

68

SUNY AG

Bruce

61

UP

37

MR, LeM

Brunner-Mazel

70

NIL

Buchhandler Des Waisenhauses

1880-197

HAM

Bueil & Blanchard

1856

NIL

Bureau de Journal Les Mondes

1868

NIL

Butterworth

65

SUNY AG, UP, SP, UMC

Cambridge U. Press

68

SUNY UD, HAM, SU, UC

54

COL, LeM, HAM, SU, UC

48

NIL

Carlton

n.d.

MY

Carnegie Endow

68

NIL

65

HAM, SU

Carr

61

NIL

Castle Books

60

MY, SU

Cassell

59

COL, HAM

Catholic Univ. Press

64

MR, COL, SU

Centre De Documentation Universitaire

1954

NIL

Chandler

67

SUNY UD, LeM, HAM, SU

Chapman & Hall

24

SU

06

SUNY AG, COL, LeM, HAM, SU

Chapple

14-58

NIL

Charles Press

65

CROUSE, St. J, UC, MV, UMC, USVAH, SU

Chemical Publ

65

MY, SUNY AG, UP, SP, SU

Chilton

71

MY

70

MY, UP, SP

67

SU

61

UP

China Inland Mission

63

NIL

Christian Knowledge Society

03

NIL

CIBA

53

CROUSE, StJ, SUNY AG, MV, UMC,
USVAH, HAM, UC, SU, UC, HERKCitadel

70

MY, UP

63

SP, UMC, SU

62

CAZ, SP, MV, LeM, HAM, SU, UC

City Lights

68

HERK
MY, SUNY AG, SU, COL, UP, CAZ, HAM,
MY, SUNY AG, COL, CAZ, SP, MV, LeM,
HAM, UC, HERK

53

Clarke, J.

62

NIL

S.H. Clarke

15

NIL

C. Clark

41

UP

CODA

66

NIL

Colin

63

SU

* Collins

68

NIL

Columbia University

70

COL, HAM, SU

60

SUNY AG, CAZ, SU

58

SU, COL, LeM

38

COL, HAM

38

COL, MV, LeM, HAM, SU, UC

37

COL, UP, HAM, UC

36

LeM, HAM, SU

Compania Bibliographica Espanola

55

NIL

Constable and Company Ltd.

43

HAM

32

HAM

18

NIL

Cooper Square

58

UMC

47

MR, SP, UC, SU, HERK

Corinth

70

NIL

n.d.

MY, SUNY AG, SU

Cornell Univ. Press

69

SU

67

COL, SU, UP, SP, HAM, UC

67

MR, ROME AIR DEVEL, SUNY AG, COL,
CARRIER, UMC, LeM, HAM, SU

Cover Publ Co. (Mod)

70

CROUSE, UMC

Coward

68

NIL

56

USVAH

50

MY, COL, SP, SU

Coxzackie Union Press

35

NIL

Crescent

67

NIL

Crowell

69

HAM, SU

59

SUNY AG, MY, UP, SP

Bath R. Cruttwell

1789

HAM

Czytelnik

56

NIL

56

NIL

56

NIL

55

NIL

Crown

70

MY, SP, USVAH

69

MY, UP, CAZ, LeM

R. Dalmav

64

NIL

David (J)

64

NIL

Davis

66

UMC

John Day Col.

30

SU

Delacourt

69

MR, ECCO, MY, COL, UP, CAZ, SP, LeM,
HAM, UC, HERK, SU

Dell

65

NIL

59

CROUSE

J.M. Dent

n.d.

NIL

15

NIL

Detroit Free Printing Co.

1888

HAM

Devorss

n.d.

NIL

67

MY

Editions Denoel

59

NIL

Devin

59

COL, LeM, SU

Devin-Adair Co.

57

SUNY AG, SP

Diablo

68

MY, SU

E.Diederichs

03

NIL

Dodd

57

NIL

44

NIL

43

MY, UP, SP, SU

38

MY, SU, SP

36

NIL

12

MY, SUNY AG, COL, SP, CAZ, LeM, HAM,
SUDorsey

68

SU, UC

68

SUNY AG, ERIC, COL, MV, SU, UC

Doubleday

69
66
65
62
58
49
48

SP
MR, MY, SP
COL, LeM, HAM
UP, HAM, MY, COL, SP, LeM, SU, UC
MY, SUNY AG, SP,
MR, COL, UP, SP, MV, HAM, SU, HERK
CROUSE, SUNY AG, UP, SP, MV, HAM, SU, UC,
HERK, LeM, COL, CAZ, UMC
SUNY AG, COL, SP, SU, UC,
LeM, HAM, SU

Dover

68
66
55
31

MY
MY, COL, UP, SU
LeM
SP

Drake

68

NIL

Droz

38

NIL

Dryden

53

SUNY F, COL, CAZ, MV, UMC, LeM, HAM, SU,
UC

Duckworth & Co. (Benziger Bros)

04

NIL

Dunod

1870

NIL

Dutton

68
65
56
53
48
38
31
22
07

SU
SUNY AG, MY, COL, UP, HAM, UC, HERK
NIL
SU
NIL
UP, USVAH, HAM, UC
MY, HAM
MY, SUNY AG, COL, MV, LeM, HAM, SU
COL

J. Duculot

54-6

SU

Dufour

66

MY, HAM

Durand Elkan-Vogel

32-48

SU

Due11, Sloan

55

MY, SUNY AG, UP, SP

Ede Boccard

65

NIL

Editorial Barra

53

NIL

Editorial "La Aurora"

49

NIL

Educational Facilities Laboratories

63

MV

62

LeM

Howard R. Egan Estate

17

NIL

Educator

69

MY

Andrew Elliot

1878

NIL

Elsevier

61

NIL

Emerson

56

SU

Esposition

53

SU

Evans Bros, Ltd.

37

NIL

Faber

62

MY, COL, UP, LeM, HAM, SU, UC, HERK

Faber & Faber

53 CAZ

Family Planning Federation of Japan, Ind

67 NIL

Family Service

65 CROUSE, CAZ, MV, USVAH, HAM, SU, UC

Farley Libs

31 NIL

Faro

32 SU

Farrar, Straus

67 MY, UP, SP, HERK
 64 MY, SUNY AG, COL, SU
 47 MY, LeM, HAM, SU, UC

Fawcett

62 MR, CAZ, MV, HAM, SU

F.Fe

1882-86 NIL

W.F.Fell & Co.

1886 NIL

Fernhill

60 NIL

S.Fischer

55 COL
 09 NIL

Fides

60 LeM

Fishing News Books Ltd.

61 NIL

Fleet

61 NIL
 57 NIL

Foky Railway Co.

13

NIL

Folklore

39

SUNY AG, COL, HAM, SU

Fortress

69

MY

68

MY, SP

66

NIL

Fowler

68

MY

Frankische Schweiz

58

NIL

B. Franklin

22

NIL

02

HAM

Franciscan Fathers

26

NIL

12

NIL

10

SP

Free Press

68

COL, SU

67

COL, SU

65

MR, MY, SUNY AG, COL, MV, HAM, SU, UC,
HERKGlencoe Fr. Pr

64

MY, COL, UP, UMC, SU

59

Am Found, SP, SU, UC

57

UMC, SU

54

SUNY AG, COL, MV, UMC, HAM, SU, UC, HERK,
LeM

52

CAZ, LeM, HAM, UC

Fr. & Euro

62

SUNY AG, COL, CAZ, MV, LeM, HAM, SU

French, Samuel

35

SUNY UD

Frowde, H

07

COL, SU, UC,

Funk & Wagnalls

1886

LeM, HAM, SU, UC

Gallimard

50-8

SUNY UD, COL, LeM, HAM SU

Garrett Pr.

68

UC

47

HAM

Gauthiers-Villar

1865-68, 1866-73, 1865-73, etc.

COL

Gebeohner & Wolff

36

NIL

Geis

68

ST.J, MY, UP, SU

60

COL, SP, MV

Genealog

66

COL, UP, HAM, SU

Ginn

1896

NIL

Goodespeede

34

NIL

Graphic Arts

46

NIL

Greene & Stratton

67

SU

62

NIL

Greenwood

68

COL, SU, HAM

68

COL, LeM, HAM, SU, UC

51

MV, HAM, SU

44

SUNY UD, SUNY AG, SUNY F, COL, UP, SP,
MV, SUGriffin, C

48

LeM, SU

Grosset

64	CROUSE, MY, SUNY AG, CAZ, SP, MV, UMC, SU
59	SUNY AG, SU
54	NIL

Grove

69	SU
68	UP, SP, HAM
67	SP
67	NIL
65	MY, COL, USVAH, UC
65	MY, COL, USVAH, UC
61	COL, UMC, SU

Grune

70	UMC
<u>Grune & Stratton</u>	
64	UMC, HAM, SU
59	MY, UP, MV, UMC, SU
59	UMC

Hachette

1853	NIL
------	-----

Hafner

59	MY, COL, UP, SU
----	-----------------

Harcourt Brace

71	MY, SP
68	SUNY AG, SP, HAM, SU
67	MY, SUNY UD, SP, MV, LeM, HAM, SU
66	MY
55	MR, MY, SUNY AG, COL, CAZ, SP, LeM, SU, UC
N.D.	SP, HAM, SU
39 Harcourt Brace & World	MR, CROUSE, ST.J, MY, SUNY UD, ROME AIR D, SUNY AG, SUNY F, COL, UP, SP, LeM, HAM, SU, UC, HERK
30 Harcourt Brace & Co.	MY, COL, UP, MV, UMC, HAM, SU

Harper-Row

70	MY, UP, HAM, COL, SP, SU
69	LeM, SU
67	MY, COL, UP, SP, LeM, HAM, SU, UC
n.d.	MY
65	SP
64	AM FOUND, MY, SUNY AG, UP, SP, MV, HAM, SU
64	SP
(cont'd)	

Harper-Row (Cont'd)

62	MY, SUNY AG, COL, SP
62	MY, SUNY AG, COL, CAZ, MV, HAM, SU, UC
61	CAZ, LeM, SU
61	MY, SUNY F, COL, MV, SU
61	CROUSE, COL, SUNY UD, SUNY AG, SP, UMC,
	USVAH, LeM, HAM, SU, UC
n.d.	MY, UP, LeM, HAM, SU, UC
54	MY, COL, LeM, HAM
54	MY
51	Crouse, SP
47	MR, COL, CAZ, SP, MV, SU, UC
nd. Torch Har-Row	MY, COL, CAZ, HAM, SU
45	UMC, SU, UC
42	MY, SUNY AG, COL, UP, SP, MV, LeM, HAM, SU
39	COL, HAM, SU
36	MR, HAM

Hart

67	MY, UP
----	--------

Harvard

70	CROUSE, SUNY AG, COL, CAZ, UMC, SU
70	COL, SU
69	SU, LeM
63	NIL
62	NIL
62	NIL
58	HAM, SU
19	SU

Haskell Hse

69	COL, UP, SP, HAM, UC, SU
68	SP, HAM, SU

Hawthorn

n.d.	MY, UP, HAM, SU
64	SP, LeM

Heinemann

70	ST. J, UMC
68	SU
61	MY, UP
59	MY, COL, UP, CAZ, HAM, SU

Heitz, P.H.

47	NIL
----	-----

Helburn

38	HAM, SU
----	---------

HMSO

66	NIL
59	HAM
43	NIL

Herrick, A

1866	SP
------	----

Hewitt House

69	NIL
----	-----

Hill

66	NIL
----	-----

Hill & Wang

66	MR, SUNY AG, SUNY UD, COL, MV, LeM, HAM, UC.
----	---

Hirschwold

12	NIL
----	-----

Holden

24	SU
----	----

Holland Pr.

58	NIL
----	-----

Holt

70	NIL
68	MY, LeM, SU
68	SP
67	MV,
65	NIL
61	MY, UMC, SU, UC
60	COL, SU
47	MY, USVAH, HAM, HERK
n.d.	MV.

Hooden & Stoughton

48	NIL
----	-----

Horn Book

48	UP, SU
----	--------

Hospital Text Books Co

59	ST. J, MV, UMC, SU
----	--------------------

Houghton

70	SUNY UD, CAZ, LeM
68	COL, SU
66	CROUSE, MY, SP, UP, SU, HERK
62	MY, COL, SU, UC
60	MV, HAM, SU, UC, HERK
57	COL, SU, SP, HAM, UC
51	MY, SUNY UD, SUNY AG, COL, UP, CAZ, SP, MV, UMC, USVAH, LeM, HAM, SU, UC
48	MY, SP, SU
47	MR, MY, COL, LeM, HAM
18	COL, HAM, SU
12	SUNY AG, COL, LeM, HAM, SU
11	NIL
11	COL
08	MY, HAM, SU
1881	COL, MY

Humanities Pr

67	MY, UP, SU
61	My, LeM
52	COL, SU

Hutchinson

68	NIL
55	NIL

Ifan

61	NIL
----	-----

Impr. Gongora

58	NIL
----	-----

Ind. Ed. Inst.

67	NIL
----	-----

Iaskysstov

58	NIL
----	-----

Indiana University Pr.

53	COL
----	-----

Industrial College of the Armed Forces

n.d.	NIL
------	-----

Institute of African Studies

61	NIL
----	-----

International African Institute

53 SU

International Press69 MY, SUNY AG, SP, UP, SU
63 NILInternational Missionary Council

n.d. NIL

Interstate66 MY
63 COL, SUIntext

68 SU

Int. University Pr.66 NIL
66 COL, UMC, SU, UCInt'l Text

66 SUNY UD,

Irwin70 MV, HERK, SU
70 MY, UP, SP, MV, SU, UC, AMER. FOUND.
58 SUNY AG, LeM, SU
42 NILIzd, Tssu, 19

23-25 NIL

James, A

56 NIL

Jewish Publicationsn.d. COL, HAM, SU, UC
54 CAZJohns Hopkins

70 HAM, SU

Johnson69 NIL
68 NIL
56 NIL

Jonathan

36

COL

Jones & Dodd Mead

1887

NIL

Julian Press

53

SUNY UD, COL

Judson

n.d.

MY

Kalmbach

67

COL

61

COL, HAM

Kassel

49

HAM, SU

Keibalu Mall

1911

NIL

Kelley Pr.

66

NIL

Kennedy, P.J.

59

MR, ST.J, LeM

Kennikat

69

NIL

Knopf

64

MY, COL, CAZ, MV, SU

60

MY, COL, UP, SP, MV, LeM, HAM, UC

52

UMC, SU

43

MY, HAM, SU

37

COL, SP, SU, LeM, HERK

26

COL, SU, CAZ, HAM, UC

26

COL, CAZ, HAM, SU, UC

Kobenhavn, Polytenknisk Forlag

68

NIL

68 Kobenhavn Univ.

NIL

Kraft

60

COL

Kraus

60 COL

Ktav

59 SU

Ladrang

1846 NIL

Lange Medical

70 MV, UMC

Langen, A

26 NIL

Lark Bindery

34 NIL

Lea & Febiger

66 CROUSE, UMC, USVAH, UC
 63 SUNY UD, CAZ, MV, UMC, SU
 52 USVAH

Leroux, E

05 NIL

Les Ecrits

43 nil

Lewis Publishing Co, The

12 NIL

Lib Assn

62 SU

Lincoln Electr

66 UP, LeM, SU

Lippincott

69 UMC
 66 NIL
 59 SP
 59 CROUSE, ST.J, MY, UMC
 58 SP
 45 COL

Lisieux, I

1883

NIL

Little

69

MY, UP

68

MY, SUNY AG, COL, UP, CAZ, AGWAY, SP

MV, LeM, HAM, SU

67

ST. J, MV, UMC

59 Little Brown & Churchill

SUNY F

30

NIL

04 Little Brown

SU

1893

UP, MV, SP, LeM, SU

Lit. House

70

COL, SP, SU

Liveright

39

MY

Liverpool University

60

SUNY F

Llewellyn Press

61

NIL

Logos

69

NIL

Longmans, Green

56

NIL

50

SU, UC

38

NIL

36

SU

01

HAM

Los Angeles Self Realization Fellowship

55

MR, MY, SUNY AG, UP, CAZ, SP, MV, UC,
USVAH, SULothrop

33

NIL

Louisiana State Univer. Press

66

MY, COL, SP, MV, LeM, HAM, SU, UC

Lovedale Mission Press

1886

SU

Lyons, J.B.

35

MY, SUNY AG, SUNY F, COL, SP, HAM, SU

Luchterhand

67

NIL

MacDonald

56

NIL

MacFaden-Bartell

63

MR

MacGibbon & Kee

68

COL, HAM, SU

58

COL

MacMillan

70

LeM, SU, UC

69

MR, MY, SU, LeM

69

SUNY UD, LeM, SU

69

SU

68

MR, MY, SUNY AG, COL, UP, SP, USVAH

68

LeM, SU

68

CAZ, SP, SU, UC

67

MR, MY, SUNY AG, COL, SU, USVAH, SP, LeM, SP

67

MY, SU

64

MY, COL, SP, MV, LeM, SU, UC, HERK

64

SUNY UD, CAZ, SU, HERK

62 St. Martins Pr. (Mac)

ERIC

60

NIL

59-60

MR, MY, COL, UP, SP

59 n.d.

NIL

57

MY, COL, UP, CAZ, SP, USVAH, SU, UC

55

MR, MY, LeM, SU, UP, SP

51

MR, MY, LeM, SU, UC

49

MY, SUNY AG, LeM, SU

n.d.

SU

27

MY, COL, UP, CAZ, LeM, HAM, SU, UC, HERK

26-35

COL, CAZ, SP, HAM, SU

25

MY, COL, UP, SP, LeM, HAM, SU, UC

21

MY, UP, SP, HAM, SU, UC

11

COL, HAM

09

COL, HAM

1898

SUNY AG, UP, SP, LeM, HAM, SU

1897

COL, MV

NIL

Maestre, E

17

NIL

McBride

31

COL, SU

30

UP, SU

McClurg

1892

SU

McGill, University Pr

67

SU

64

SU

McGraw-Hill

70

UMC, SU

70

SU

70

SUNY UD, ROME AD, CARRIER, SP, SU

69

MY, SUNY F, COL, UP, CAZ, AG, UMC, USVAH
HAM, SU, LeM

69

SU

69

SUNY UD, COL, SU

69

CAZ, UMC, SU, HERK

68

COL, SP, LeM, SU, HERK, HAM

68

SUNY AG, MV

68

ST. J, MY, SUNY AG, UP, SU

67

MV

67

AM FOUND, MY, COL, HERK, CAZ, SP, MV, LeM, SU, UP

67

CAZ LeM

66

MR, COL, SP, LeM, HAM, SU

64

AMER FOUND, SU

63

LeM, SU

63

SUNY AG, SP

61

MY, SUNY AG, UP, MV, SU

60

SUNY AG, AMER FOUND, CARRIER, UP, CAZ, AG,
SP, MV, LeM, HAM, SU, UC

59

CROUSE, MY, COL, SUNY UD, SUNY AG, COL,
UP, SP, MV, SU

58

ROME AD, MV, SU

58

COL, SU

54

CAZ, HAM, SU UC

53

SUNY AG, USVAH

53

MY, SU

52

SUNY AG, SP, MV, SU

48

SP, MV

McKay

67

SU

64

NIL

64

MY, UP

55

SP, MV, SU

McLeod

35

MY, SU

Marcus, L.G.

43

MY

Marston & Co. S. Low

30

SP, SU

Matthew Bender

63

SU

Markham

70

SUNY UD, SU

Mass. Dept of Ed.

63-69

NIL

Medical Encyclopedia Inc

55

SU

Merrill

69

SUNY UD, SP, MV, LeM, HAM, SU, UC, HERK

62

SUNY UD

Methuen

68

LeM, HAM, SU, UC

52

UP

48

SU, UC

n.d.

HAM, SU

M.J.T.

66

NIL

Milton Bradley

26

SP, HAM

Ministry of Welfare

63

NIL

Modern Lib

38

MY, SUNY AG, SU, COL, UP, CAZ, SP,
MV, UMC, USVAH, LeM, UC, HERKMoffat

08

MY, SU

Mokelumne Hill

55

COL

Morrow

70

MY, SUNY AG

56

MR, MY, SUNY AG, COL, UP, CAZ, UMC,
LeM, HAM, SU, UC

47

MY

38

SU

28

SU

Mosby

68

SU, HERK

Munksgaard

64

NIL

Munchener Lehrmittelhandlung

09

NIL

Munsell

1869

COL, HAM

Murray, John

34

LeM

16-22

HAM

08

NIL

Mus of Modern Art

64

MV, SU

NAACP

71

NIL

Natl Assn of Social Workers

66

SU

Natl Council for Social Studies

54

HAM, SU

Natl Culture Inst

53-55

NIL

National Geographic

67

SUNY UD, COL, HAM, SU

National Public Service

66

NIL

National Research Council

65

SUNY AG, SU

Natural Hist

69

MY, SUNY AG, COL, CAZ, SP, MV, HAM,
SU, UC, HERK

New Park

69	NIL
66	NIL
65	NIL

Natl Training Labs

58	NIL
----	-----

Nelson

67	HAM, SU, UC
57	NIL

Newman

63	NIL
----	-----

New Press

70	SU
----	----

N.Y. Assoc. Pr

68	MV, HAM, SU
----	-------------

N.Y. Educ. Dept

71	LeM, SU, UC
----	-------------

N.Y. Graphic Soc Mus of Mod Art

70	COL, SP
----	---------

N.Y. Univ. Med Ctn

63	NIL
----	-----

N.Y.U. Press

67	HAM, UC
56	SUNY AG, COL, SP, LeM, HAM, SU, UC

N.Y.S.L.

08	COL, HAM, SU, UC
----	------------------

Nijhoff, M

1873-1880	NIL
-----------	-----

Norton

70	MY, COL, HAM, SP, LeM
69	MY, UP, SP, SU
64	SU
59	MY, UP, LeM, SU
34	SP, COL, LeM, HAM, SU

Novello, J.A.

1837

NIL

Oceana

64

SU

Octagon

71

COL, LeM, SU

69

HAM, UC, SU

Ohio State Univ. Pr

60

SUNY AG, LeM, HAM, SU

Oldbourne

60

NIL

Oliver & Boyd Unger

66

SP

60

NIL

35

NIL

31

NIL

Oxford UP

69

COL, HAM, SU

68

MY, COL, UP, CAZ, LeM, HAM, SU, UC, HERK

68

SUNY F

67

UMC, LeM HAM, SU, UC

67

SU, COL

66

MY, SUNY UD, SUNY AG, COL, UP, CAZ, SU

SP, MV, HAM, UC

65

SUNY AG, SU

64

MY, SUNY AG, UP, UMC, USVAH, SU, UC

64

SU

63

MY

62

SU

61

MY, UP

59

SUNY AG, COL, MV, SU, UC, HERK

57

COL, SP

56

MV, HAM, SU

51

SU

41

LeM, UC

38

COL, SU

28

NIL

03

MR, LeM, HAM, SU

Pacific Press

65

MY

Pack, P.

06

NIL

Pan American Sanitar Bur

57

NIL

Panstwowy Instytut Wydawniczy

60

NIL

56

SU

Pantheon

69

UP, CAZ. SU

57

SUNY AG, COL, SP, MV, USVAH, LeM, HAM, SU, UC

49

COL, CAZ, HAM, SU

48

SOL, SP

Paperback Lib

45

MY, SP, SU

Pax

62

NIL

59

NIL

57

NIL

54

SU

Payot

01

NIL

Pelham Books

66

NIL

Penguin

65

HAM, UC

64

MR, COL, UP, HAM, SU

Pergamon

68

SU

67

MY, UP, MV, SU

67

COL, UMC, SU

66

ST J, MV, UMC

64

UMC, UC

61

SUNY F, AGWAY

58

ROME AD, COL, UMC, SU, HERK

Perrin

23

NIL

03-09

NIL

Perthus

66

NIL

Peter Smith

n.d.
57

COL, HAM, SU
MY, COL, LeM, HAM, SU, UC

Phelps Stokes Fund

22

NIL

Philosophical Library

56

COL, HAM, SU, UC

Plenum

70
69
68
67

SU
COL, SU
SU
MY, UP, CAZ, SP, MV, UC, HERK

Plimpton Pr

06

SU

Plon

59

NIL

Poiulla, G

62

NIL

Pop Bk. Serv

67

SU

Potter, C.N.

63

NIL

Praeger

71
70
67
66
60
59

NIL
MY, SU
NIL
COL, SP, HAM, SU, UC
LeM, HAM, SU
HAM

Prentice-Hall

70
70
69
69
68
68
66

SU
SU
SUNY UD, SP, HAM, SU
COL, SUNY AG, SP, MV, SU HERK
MV. SU, HERK
MY
SUNY AG, SUNY F, HAM, SU, HERK

Prentice-Hall (continued)

66	HAM, SU
65	SUNY AG, SUNY F, CAZ, MV, HAM, SU, UC, HERK
n.d.	MR, SUNY AG, CAZ, LeM, HAM, SU, UC
64	SUNY AG, UMC, SU
63	SU
61	AMER FOUND, MY, CARRIER, UP
64	MY, MV
64	MY, SUNY AG, SUNY F, COL, CAZ, HAM, SU, HERK
63	AMER FOUND, MY, MV, LeM, SU, HERK
61	SUNY UD, COL, UC
61	NIL
61	MY, LeM, HAM, SU
61	NIL
60	SU, HERK
n.d.	SUNY AG, COL, SP, LeM, HAM, SU, UC, HERK
59	SU
58	SU
58	LeM
55	MY, UP, USVAH
54	COL, UP, SP, MV, LeM, SU, UC
53	SU
53	SUNY UD, COL, UP, HAM, UC
51	SU
40	SU, UC
n.d.	MR

Presses Universitaires du France

62	NIL
57	COL, SU, UC

Prestal Verlag

54	NIL
----	-----

Prime Pr

47	NIL
----	-----

Princeton Univ Pr

69	MY, COL, CAZ, LeM, HAM, UC, SU
67	SUNY UD, SUNY F, MV, LeM, SU
67	NIL
55	NIL
54	COL, HAM, SU
52	SUNY AG, COL, SP LeM, HAM, SU, HERK
n.d.	NIL

Prior, W.A.

45	UMC
----	-----

Privat, E

63	NIL
----	-----

Prospect

52

MY, COL, UP, USVAH, HAM, UC

Publ. Affairs Pr

61

MY, SUNY AG, UP, SP, LeM, HAM, SU, UC

58

COL

Publ Serv Matls Ctr

68

SU

Putnam

69

CROUSE, ST.J, UMC, USVAH, SU, LeM

67

MY, COL, UP, SP, LeM, HAM, SU

67

HAM

64

SP, SU

63

MY, SUNY AG, COL, UP, LeM, SU

55

MR, MY, UC, SU

45

MY, COL, UP, SP, LeM, SU

36

MY

06 Putnam, Heineman

SU

Raben & Sjorgren

NIL

50

Rafael Gomez Menor

45

NIL

Ramakristina

n.d.

MY

Rammingsche Buchdruckerie

1891

NIL

Rand

64

SUNY AG

Random House

69

COL, HAM, SU, HERK

59

COL, CAZ, LeM, HAM, SU, UC

52

COL, USVAH

40

COL, UP, HAM, SU

Rael Academia Espanneaia

15

NIL

Raven Press

71

UMC

Redway

1899

NIL

Regenery

58

NIL

Reingardt

01

NIL

Revell

68

NIL

66

NIL

56

NIL

Retoux

02

NIL

Rinehart

58

SU

57

MY, COL, SU, UP, SP USVAH, LeM

56

MY, COL, UP, HAM, SU, UC

58

NIL

54

MR, COL, LeM

Rider

46

NIL

Rivers Ltd.

10

NIL

Rivington

1831

NIL

Rockliff

56

NIL

Rodale

66

MY, SP

Ronald

70

SU

69

SUNY UD, COL, SP, SU

52

UMC, SU

49

MY, HAM, SU

Rothman

67

SU

Routledge

66
56
55 Routledge & Kegan Paul
29
20

NIL
SU
NIL
HAM, SU
MY, UP

Roy

67
63
56
43
n.d

MY, COL, UP, SU
MY, SU
MY, COL, HAM, SU
COL, UP, SP, LeM, SU
MY

Russell Sage

69
60

COL, SU
COL, UMC, SU

Ryerson

58

SP

St. Martin

64
05

MR, SP
MR, MY, SUNY UD, SUNY AG, COL, UP, SP
LeM, HAM, SU, UC

Salyer

64

SP

Sams

68

SUNY AG

Saunders

71
71
70
69
66
66
65
64
62
59

CROUSE, UMC, USVAH
CROUSE, ST.J, UMC, USVAH
ST.J, UMC, USVAH
CROUSE, ST.J, SUNY AG, MV, UMC, SU, UC
CROUSE, ST.J, MY, SUNY AG, MV, UMC, USVAH, SU
MV, UMC, SU
ST.J,
MY, UMC
NIL
MR, SUNY UD, SUNY AG, SUNY F, COL, CAZ,
MV, SU, UMC
USVAH

51

Schirmer, G

01

NIL

Schocken

69

COL, SP

Scholarly

28-68

UC

School Book Serv

67

SUNY UD

Schroll, A

54

NIL

Scott, Toreasrau

66

MR, HAM, SU, UC

Science House

69

SU

Schulte, F.J.

1891

NIL

Scribners

65

MR, MY, MV, SU

40

NIL

33

COL, HAM, SU

29

HAM, SU

12

SUNY AG, SP, HAM, SU

Seabury

60

NIL

Seaghers, Pierre

49

UC

Shedeo

61

LeM

Sheed & Ward

56

MY, SUNY UD, COL, CAZ, LeM, HAM

Shenandoah

40

NIL

Sherbourne

66

MY

Sherratt & Hughes

12

NIL

Shoestring

70

SUNY UD, HAM

Shorey

06

COL

S-H Serv

64

COL, SU

Sierra Club

68

MY, UP, SU

Signal

n.d.

HERK

Silver, Burdett

58

SU

Singing Tree

68

SUNY UD, SP, LeM, HAM, SU

Skelton Publ Co.

19

NIL

Simon & Shuster

69

UP, SU

69

MY, COL, LeM, SU

54

SUNY AG, COL, UP, SP, SU

30

COL

Small, Maynard

22

SP

Smith, Ed. Sinclair

53

NIL

Smith, Richard B.

30

NIL

Smithsonian

64

Agway, SP, SU

Sociedad de Bibliofiles Espanol

47

NIL

SPCK

50

NIL

Special Child

n.d.

UMC, SU

Spartan

70

SU

Springer-Verlag

59

UMC

Stackpole

54

COL

Stanford Univ. Pr

62

COL, SU

61

MY, MV, SUNY UD, COL, UP, CAZ, SP, LeM, HAM, SU

UC

n.d.

COL, HAM, UC

State Co.

07

NIL

Stebbins

37

NIL

Sterling

68

NIL

Steiner

70

MR, CAZ, SU, UC

Strecker & Schroder

09

NIL

Studio Ltd

33

MV, HAM, SU

Studio Viking Press

65

MY, UP

Stuttgart-Vaihingen

68

SU

Stuart

69

NIL

Superior

67 NIL

Swallow

69 MY, UP, SP, SU
67 COL, LeM, SU

Swan Sonnenschein & Co

05 NIL

Tall Graf O.L. Villaneueva

67 SU

Taplinger

70 MY, UP
66 MY, SU

Teachers College

66 MY, COL, CAZ, LeM, HAM, SU
65 COL
n.d. SUNY UD, SU
61 MY, SU
37 NIL

Territorian

64 NIL

Theos Publ Hous

67 MR, MY, COL, MV, LeM, SU, UC, HAM
66 NIL
65 NIL
57 HAM
48 SP, LeM, HAM

Thiame

60 MY

Thomas, CC

67 SU
67 CROUSE, UMC
67 MY, SP, SU
66 UMC, HAM
66 SU
65 SUNY AG, UMC, SU
62 UMC
58 SU
57 NIL
55 NIL
53 NIL

Thomas

70

UMC, SU

Thorin

1881

NIL

Tip Y Lit La Europea

07-13

NIL

Time Life Books

70

NIL

Tontemoing, A

01

NIL

Torch Stream

56

NIL

Trainee Nurse Assoc of India

58

NIL

Transactions of the Linnaean

55

NIL

Trident

67

MY, UP, SP, MV, USVAH

Tower

70

NIL

Triltsch

41

NIL

Tri-Ocean

56

MY, SU

Tudor

70

MY

69

NIL

67

NIL

Tuttle

70

NIL

69

SU

67

NIL

n.d.

SP, SU

Ukrainska SSR

27

NIL

UNAM

66

COL, HAM, SU

UNESCO

70

SU

79

UP, SU

79

SU

65

NIL

64

UP, SU

61

ERIC, HAM, SU

61

MY, SU

US-GPO

71

SU

69

COL, SU

58-66

COL, HAM, SU

68

NIL

63

SU

62

SU

61

SU

39

SU, HERK, HAM, USVAH, SP, COL, SUNY F, ROME AD

1900

COL, SU

USSU

28

NIL

26

NIL

United Synagogue Book Serv

58

NIL

Universe Books

69

MY, MV

69

MY, SUNY UD, SUNY AG, COL, SU

68

MV, UC

65

MY

Univ of Cal.

71

SU

70

SU

68

MY, UP, CAZ, HAM, SU

68

SP, HAM

68

MY, UP, CAZ, HAM, SU

64

MY, UP

61

UC

53

SUNY AG, SUNY F

19

SU

Univ. of Chicago

66

MY, COL MV, LeM, HAM, SU

65

COL, UP. LeM, MY, UC

Univer of Chicago (cont'd)

60	SUNY AG, HAM, SU
57	SUNY UD, SUNY AG, MV, SU, LeM, SU, HAM
65	NIL
56	SP, LeM, SU
56	SUNY AG, COL, SP, LeM, HAM, SU
53	SUNY UD
41	SU
41	MY, SUNY AG, COL, UP, LeM, HAM, SU, UC
40	COL
38	COL, HAM, SU
26	COL, SU, UC
05	COL, HAM, SU

Univer of Fla.

66	MY, SU
58	COL, SU

Univer of Hamburg

35	NIL
----	-----

Univer of ILL

67	UMC
64	SU

Univer. of Ind.

63	SUNY AG, COL, CAZ, LeM, SU, HERK
----	----------------------------------

Univer. of Kan.

59	COL, SU
----	---------

Univer. of Mich

70	COL, HAM
56	NIL
37	SP, HAM, SU

Univer. of Minn

56	SU
36	SU

Univer. of Neb

63	NIL
----	-----

Univer. of N. Mexico

50	COL
----	-----

Univer. of N. Carolina

29	MY, UP
28	NIL

Univer. of Notre Dame

68

SU

Univer. of Oklahoma

67

MY, COL, SP, LeM, HAM, SU

64

MY, COL, SP, LeM, HAM, SU

59

SUNY AG, HAM, SU, HERK

58

MY, SUNY AG, COL, UP, SP, SU, HERK

50

MV, SU

Univer. of Oreg.

64

COL, LeM, SU

Univer. of PA.

63

MY, SUNY AG, UP, SU

51

SU

52

COL, SP, HAM, SU

34

NIL

09

NIL

Univ. of Pits

70

NIL

67

MY, SP, SU, UC

66

AMER FOUND, LeM, SU

Univeridad, de Puerto Rico

50

NIL

Univer of So. Carolina

53

SU

Univer of Sci & Phil

57

UP

Univer. of Toronto

69

MY, UP, SU

68

COL, HAM, SU

60

COL, HAM

58

USVAH

Univer. of VA.

40

SUNY AG, COL, SP, MV, HAM, SU, UC

Univer. of Wisc.

19

HAM, SU

University Press

60-62
60
56

SUNY AG, LeM, HAM, SU
SUNY AG, COL, MV, HAM, SU
NIL

Unwin, T

07

NIL

Vacher & Sons

1900

NIL

Vanguard

70
56

MY, COL, UP, SP, SU
NIL

Van Nostrand

69
n.d.
64
64
62
62
57

MY, SU, SUNY UD, UP
MY, SUNY AG, UP, SP, SU
SUNY AG, MV
SU, HERK
NIL
SU
COL, MV, SU, HERK

Vantage Pr.

66
65
59
55

NIL
ERIC
NIL
MY, SP

Verlag, Hirzel S.

50

HAM, SU

Verry

60

SU

Viking

67
51
33

SUNY AG, COL, UP, CAZ, SP, MV
NIL
NIL

Vintage

55

SUNY AG, COL UP, SP, MV, UMC, HAM, SU, UC

Va. Poly Inst.

68

NIL

Volf, M.O.

11-13

NIL

Walker

63

MY, COL, CAZ, SU

Wahr, Geo Pub.

48

SP

Warburg

39

LeM, HAM, SU

Wehman

36

NIL

n.d.

MY, SU

Weidmann,

19

NIL

Weiser, Samuel

62

NIL

Westchester County Historical Soc

30

SU

Western Lore

66

NIL

Westminster

60

MY, SU

Wiedza

63

NIL

Wiley

70

SUNY UD, CAZ, SP, MV, SU

70

UMC, SU

70

MV, SU

70

MY, UP, SP, MV, HERK

69

SUNY AG, SP, MV

67

AMER FOUND, MY, UP, SU

63

SUNY AG, UP, SU

61

HAM, SU

61

MY, SUNY AG, COL, UP, CAZ, SP MV,
LeM, HAM, SU, UC, HERK

60

SU

59

AMER FOUND, ROME AD, COL, MV, LeM, SU, UC

52

SU, UC, HAM

Williams & Norgate

07

COL, LeM

Williams & Wilkins

71

NIL

Winter, Duncan, Col

1890

NIL

Witwatersand Univer. Press

62

SU

World Books

70

SP, LeM, MY, SU

67

NIL

60

MY, UP

50

SP, SU, UC

43

SUNY UD, COL, HAM, SU

Wright, T.A.

13

NIL

Wright Air Develop. Ctr.

54

NIL

Yale Univer. Press

69

SU, HERK

64

MR, MY, SUNY UD, COL, UP, LeM, HAM,
SU, UC

57

COL, SP, UC, MR

23

SUNY AG, UP, SP, LeM, SU

Yoseloff, T

66

COL, HAM

59

NIL

Zondervan

66

MY

n.d.

SU

No small cards for:

Negro Univer. Pr.

69 MY

Rutgers Univer.

69 SUNY UD, CAZ, SU
69 CAZ, SU

Maryland Univer. Pr.

71 SU

Univer. of Mass.

70 SUNY AG

Univer. of Ariz.

69 SU

Univer. Col

69 NIL

Non-GPO :

USPHS COL, SU

NEWSPAPERS:

Globe Toronto

1850-1863 NIL

Christian Guardian (Toronto)

1829-1863 NIL

Observer

Sept 71 MV

(Sept. 5, 12, 19, 26)

Railway News

18 NIL

APPENDIX FLIBRARIES ABLE TO SUPPLY PUBLISHERS
WITH IMPRINT DATE

This appendix is a list of regional libraries by the publishers and imprint dates each could supply. For some of these libraries the list is substantial; for others, there is insufficient data to identify a pattern. The purpose of this appendix is its use as a validity check in the search strategy model. After a possible location is identified this appendix should be used to determine if that location is reasonable given the number of titles the library holds by that particular publisher. This appendix can also be used to identify strengths in a library's holdings by publisher. The data in the appendix was derived from rearranging the data in Appendix E.

PUBLISHER NILS

Allan	36
American Institute of Physics	62
AMS Press	58
American Tech	47
ACLS	57
Archon	69
Anthropic	68
Appleton	71, 38, 23
Attica Pr	61
Australian Book Center	66
Auteur	1810
Auto Book	68
Aquarian	62
Baillier(JB) et Fils	1862
Bailliere	1855
Balar	1919
AS Barnes	48
Beauchesne	64
Behrman	nd
Bell & Howell	60
Bergama	45
Berliner Union	53
P. Bertrand	1850-59
Blades, East, Blade	02
Blackwell	59, 55
Bloud & Gay	24
Books for Libraries	1880
Bousrez	1887
British Book Center	nd
William C. Brown	71
Brunner-Mazel	70
Bueil & Blanchard	1856
Bureau du Journal Les Mondes	1866
Cambridge Univ Pr	48
Carnegie	68
Carr	61
Centre De Documentation	
Universitaire	54
Chapple	14-58
China Inland Mission	63
Christian Knowledge Society	03
Clarke, J	62
Clarke, S.H.	15
CODA	66
Collins	68
Compania Bibliografica	
Espanola	55
Constable	18
Corinth	70
Coward	68
Coxzackie Union Press	35

Crescent	67
Czytelnik	56, 56, 56, 55
Dalmav	64
David, J.	64
Dell	65
Dent	nd, 15
DeVorss	nd
Editions Denoel	59
Diederichs	03
Dodd	57, 44, 36
Drake	68
Duckworth	04
Dunod	1870
Dutton	56, 48
Ede Boccard	65
Editorial "La Aurora"	49
Howard R. Egan Estate	17
Andrew Elliot	1878
Elsevier	61
Evans Bros, Ltd	37
Family Planning Federation of Japan, Inc.	67
Farley Libs	31
F. Fe	1882-86
Fell	1886
Fernhill	60
Fischer	09
Fishing News Books Ltd	61
Fleet	61, 57
Foky Railway C.	13
Fortress	66
Frankische Schweiz	58
B. Franklin	22
Franciscan Fathers	26, 12
Gebeohner & Wolff	36
Ginn	1896
Goodspeede	34
US-GPO	68
Graphic Arts	46
Greene & Stratton	62
Grosset	54
Grove	67
Hachette	1853
Harvard Univ Press	63, 62, 62
P.H. Heitz	47
HMSO	66, 43
Hewitt House	69
Hill	70
Hirschwold	12
Holland Press	58
Holt	70, 65
Hooden & Stoughton	48
Houghton	11

Hutchinson	68, 55
Ifan	61
Impr. Gongora	58
Ind. Ed. Inst	67
Iaskysstov	58
Industrial College of the Armed Forces	nd
Institute of African Studies	61
International Press	
International Missionary Council	nd
International Univ Pr	66
Irwin	42
Izd, Tssu, 19	23-25
A. James	56
Johnson	69, 68, 56
Jones & Dodd-Mead	1887
Keibalu Mall	11
Kelley Press	66
Kennikat	69
Kobenhavn, Polytenknisk Forlag	68, 68
Ladrange	1846
Langen	26
Lark Bindery	34
E. Leroux	05
Les Ecrits	43
Lewis Pub	12
Lippincott	66
J. Lisleux	1883
Little	30
Llewellyn Press	61
Logos	69
Longmans, Green	56, 38
Lothrop	33
Luchterhand	67
MacDonald	56
Macmillan	62, 59-60, 1898
E. Maestre	17
McKay	64
Mass. Dept of Education	63-69
MIT	66
Ministry of Welfare	63
Munksgaard	64
Munchener Lehrmittelhandlung	09
John Murray	08
NAACP	71
National Culture Institute	53-55
National Publ, Ser	66
New Park	69, 66, 65
National Training Labs	58
Nelson	57
Newman	63
NYU Med Ctn	63
M Nijhoff	1873-1880

J.A. Novello	1837
Oldbourne	60
Oliver & Boyd Unger	60, 35, 31
Oxford Univ Pr	28
P. Pack	06
Pan American Sanitar Bur	57
Panstwowy Instytut Wydawniczy	60
Pax	62, 59, 57
Payot	01
Pelham Books	66
Perrin	23, 03-09
Perthus	66
Phelps Stokes Fund	22
Plon	59
G. Poiulla	62
C.N. Potter	63
Praeger	71, 67
Prentice-Hall	61, 61
Presses Universitaires de France	62
Prime Pr	47
Princeton Univ Pr	67, 55, nd
E. Privat	63
Raben & Sjogren	50
Rafael Gomez Menor	45
Rammingche Buchdruckerei	1891
Rael Academia Espannola	15
Redway	1899
Regenery	58
Reingardt	01
Revell	68, 66, 56
Retoux	02
Rinehart	58
Rider	46
Rivers Ltd	10
Rivington	1831
Rockliff	56
Routledge	66, 55
Saunders	62
G. Schirmer	01
A. Schroll	54
Schulte, F.J.	1891
Scribners	40
Seabury	60
Shenandoah	40
Sherratt & Hughes	12
Skelton	19
Smith, Ed. Sinclair	53
Richard B. Smith	30
Sociudad de Bibliofiles Espanol	47
SPCK	50
State Co.	07

Stebbins	37
Sterling	68
Strecker & Schroder	09
Stuart	69
Superior	67
Swan Sonnenschein	05
Teachers College	37
Territorial	64
Theos Pub House	66
Theosophical	65
CC Thomas	57, 55, 53
Thorin	1881
Tip Y Lit La Europea	07-13
Time Life Books	70
A. Tontemoing	01
Torch Stream	56
Trainee Nurse Assoc of India	58
Tranactions of the Linnaean	55
Tower	70
Triltsch	41
USSU	28, 26
Tudor	69, 67
Tuttle	70, 67
Ukrainska SSR	27
UNESCO	65
United Synagogue Book Serv	58
U of Chicago	65
U of Hamburg	35
U of Michigan	56
U of Nebraska	63
U of North Carolina	28
U of Pennsylvania	34, 09
U of Pittsburgh	70
Universidad, de Puerto Rico	50
University Press	56
T. Unwin	07
Vacher & Sons	1900
Vanguard	56
Van Nostrand	62
Vantage Press	66, 59
Viking	51, 33
Virginia Polytech Inst	68
M.O. Volf	11-13
Wehman	36
Weidmann	19
Weiser, Samuel	62
Western Lore	66
Williams & Wilkins	71
Winter, Duncan, Col	1890
World	67
T.A. Wright	13
Wright Air Develop Center	54
T. Yoseloff	59

AGWAY

Little	68
McGraw-Hill	69, 60
Pergamon	64

AMERICAN MANAGEMENT FOUNDATION

American Management Assn	62
Appleton	50
Glencoe	59
Harper	64
Irwin	70
McGraw-Hill	67, 64, 60
Prentice-Hall	63, 61
U. of Pittsburgh	66
Wiley	67, 59

CARRIER CORPORATION

Cornell Univ Pr	67
McGraw-Hill	70, 60
Prentice-Hall	61
Wiley	59

Cazenovia College

Academic Pr	62
Aldine	69
American Management Assn	62
ARNO	69, 68
Appleton	1896
Beacon	71, 67(51)
Books for Libraries	50, 21, 1897
Citadel	62
City Lights	68, 53
Columbia Univ Pr	60
Crown	69
Delacorte	69
Doubleday	48
Dryden	53
Faber	53
Family Service	65
Fawcett	62
Glencoe	62, 52
Grosset	64
Harcourt	55
Harper	62, 61, 47, nd
Harvard Univ Pr	70
Heinemann	59
Houghton	70, 51
Jewish Pub	54
Knopf	64, 26, 26
Lea & Febiger	63
Little	68
LA Self Realization Fellowship	55
Macmillan	68, 64, 59, 27
McGraw-Hill	69, 69, 67, 67, 60, 54
Modern Library	38
Morrow	56
Natural History	69
Oxford Univ Pr	68, 66
Pantheon	69, 49
Plenum	67
Prentice-Hall	65, 64, nd
Princeton Univ Pr	69
Random	59
Rutgers Univ Pr	69, 69
Saunders	59
Sheed	56
Stanford Univ Pr	61
Steiner	70
Teachers College	66
U of California	68, 68
U of Indiana	63
Viking	67
Wiley	70, 61

Colgate

Abingdon	67
Aldine	64
Allied	63
AMS Pr	70, 69, 41
Arkham	63
ARNO	69, 68
Appleton	68, 33, 1896
Argus	37
E. Arnold	29
Ballantine	69, 62
Baker	14
Beacon	67(51)
Belknap	60
Benziger	51
Blom	68
Boulevard	54
Braut	nd
Brookings Institute	30
Cambridge Univ Pr	54
Cassell	59
Catholic Univ Pr	64
City Lights	68, 53
Columbia Univ Pr	70, 58, 38, 38, 37
Cornell Univ Pr	67, 67
Coward	50
Delacorte	69
Devin	59
Dodd	12
Dorsey	68
Doubleday	65, 62, 49, 48, 46
Dover	66
Dryden	53
Dutton	65, 22, 07
Faber	62
Farrar	64
S. Fischer	55
Folklore	39
Free Pr	67, 65
Fr & Euro	62
Glencoe	64, 62, 54
Frowde	07
Gallimard	50-8
Gauthiers-Villar	1865-68, 1866-75, 1865-73, etc...
Geis	60
Genealog	66
US-GPO	69, 58-66, 39, 1900
Greenwood	68, 68, 44
Grove	65, 65, 61
Hafner	59
Harcourt	55, 39, 30

Harper	70, 67, 62, 62, 61, 61, 47, 42, 39, nd(2)
Harvard Univ Pr	70, 70
Haskell	69
Heinemann	59
Hill & Wang	66
Holt	60
Houghton	68, 62, 57, 51, 47, 18, 12, 11, 1881
Humanities Pr	52
Interstate	63
International Univ Pr	66
Jewish Pub	nd
Jonathan	36
Julian	53
Kalmbach	67, 61
Knopf	64, 60, 37, 26, 26
Kraft	60
Kraus	69
Lippincott	45
Little	68
Lit. House	70
Louisiana State Univ Pr	66
MacGibbon & Kee	68, 58
Macmillan	68, 68, 67, 60, 59, 27, 26-35, 21, 1897, nd
McBride	31
McGraw-Hill	69, 69, 68, 67, 66, 59, 58
Modern Library	38
Mokelumne Hill	55
Morrow	56
Munsell	1869
National Geographic	67
Natural History	69
NY Graphic Society. Museum of Modern Art	70
NYU Pr	56
NYSL	08
Norton	70, 34
Octagon	71
Oxford Univ Pr	69, 68, 67, 66, 59, 57, 38
Pantheon	57, 49, 48
Penguin	64
Pergamon	67, 58
Peter Smith	57, nd
Philosophical Library	56
Plenum	69
Praeger	66
Prentice-Hall	69, 64, 61, 60, 54, 52
Presses Universitaires de France	57
Princeton Univ Pr	69, 54, 52
Prospect	52
Public Affairs Pr	58

Putnam	67, 63, 45
Random	69, 59, 52, 40
Rinehart	57, 56, 54
Ronald	69
Roy	67, 56, 43
Russell	69
Russell Sage	60
St Martin	05
Saunders	62
Schocken	69
Scribners	33
Sheed & Ward	56
Shorey	06
SH Serv	64
Simon & Schuster	69, 54, 30
Stackpole	54
Stanford Univ Pr	62, 61, nd
Swallow	67
Teachers College	66, 65
Theos Pub House	67
UNAM	66
USPHS	nd
Universe Books	69
U of Chicago	66, 65, 56, 41, 40, 38, 26, 05
U of Florida	58
U of Indiana	63, 53
U of Kansas	59
U of Michigan	70
U of New Mexico	50
U of Oklahoma	67, 64, 58
U of Oregon	64
U of Pennsylvania	52
U of Toronto	68, 60
U of Virginia	40
Universe Pr	60
Van Nostrand	57
Viking	67
Vintage	55
Walker	63
Wiley	61, 60, 59
Williams & Norgate	07
World	43
Yale Univ Pr	64, 57
T. Yoseloff	66

CROUSE-IRVING MEMORIAL HOSPITAL

Charles Pr	65
CIBA	53
Dell	59
Doubleday	48
Family Service	65
Grosset	64
Harcourt	39
Harper	61, 51
Harvard Univ Pr.	70
Houghton	66
Lea & Febiger	66
Lippincott	59
Putnam	69
Saunders	71, 71, 69, 66
CC Thomas	67

ECCO

Abingdon	68
Delacourte	69

ERIC Clearinghouse

Dorsey	68
MacMillan	64
UNESCO	61
Vantage	65

Hamilton College

Aldine	64
Allan	28
Allen & Unwin	66
Allied	63
AMS Pr	70, 69, 41
American Studies Series.	
Johnson Report	68
ARL	70
Arkham	63
ARNO	68
Appleton	33, 1896
Baker	14
Basic Books	63
Beacon	67(51)
Blackwood	1893
Blom	68
Bobbs	32
Books for Libraries	21
Boulevard	54
Brookings Institute	30
Buchhandler des Waisen-	
hauses	1880-19
Cambridge Univ Pr	68, 54
Carnegie Endow	65
Cassell	59
Chandler	67
Chapman	06
CIBA	53
Citadel	62
City Lights	68, 53
Columbia Univ Pr	70, 38, 38, 37, 36
Constable	43, 32
Cornell Univ Pr	67, 67
Crowell	69
Cruttwell	1789
Delacorte	69
Detroit Free Printing	1888
Dodd	12
Doubleday	65, 62, 49, 48, 24
Dryden	53
Dutton	65, 31, 22
Dufour	66
Faber	62
Family Service	65
Farrar	47
Fawcett	62
Folklore	39
Franklin	05
Free Pr	65
Fr & Euro	62
Glencoe	62, 54, 52

Funk & Wagnalls	1886
Gallimard	50-8
Garrett	47
Genealog	66
US-GPO	58-66, 39
Greenwood	68, 68, 51
Grove	68
Grune	64
Harcourt	68, 67, 39, 30, nd
Harper	70, 67, 64, 62, 61, 54, 42, 39, 36, nd(2)
Harvard Univ Pr	58
Haskell	69, 68
Hawthorn	nd
Heinemann	59
Helburn	38
HMSO	59
Hill & Wang	66
Holt	47
Houghton	60, 57, 51, 47, 18, 12, 08
Jewish Pub	nd
Johns Hopkins	70
Kalmbach	61
Kassel	49
Knopf	60, 43, 26, 26
Kraus	69
Little	68
Longmans	01
Louisiana State Univ Pr	66
Lyons	35
MacGibbon & Kee	68
Macmillan	27, 26-35, 25, 21, 11, 09, nd
McGraw-Hill	69, 68, 66, 60, 54
Merrill	69
Methuen	68, nd
Milton Bradley	26
Morrow	56
Munsell	1869
John Murray	16-22
National Council for Social Studies	54
National Geographic	67
Natural History	69
Nelson	67
NY Assoc Pr	68
NYU Pr	67, 56
NYSL	08
Norton	70, 34
Octagon	69
Ohio State Univ Pr	60
Oxford Univ Pr	69, 68, 67, 66, 56, 03
Pantheon	57, 49
Penguin	65, 64
Peter Smith	57, nd

Philosophical Library	56
Pitnam	67
Praeger	66, 60, 59
Prentice-Hall	69, 66, 66, 65, 64, 61, 52, nd(2)
Princeton Univ Pr	69, 54, 52
Prospect	52
Public Affairs Pr	61
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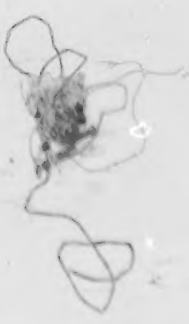
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